

N·E·W·S & E·V·E·N·T·S



Signing the agreement transferring ownership of the Middleton Book Collection to RIT are Bernard C. Middleton of London, left, and Alfred L. Davis, RIT vice president.

RIT Acquires Middleton Bookbinding Collection

One of the world's premier book collections on bookbinding has been acquired by RIT. With a pledge of \$150,000 from the Frank M. Barnard Foundation, RIT succeeded in obtaining the Middleton Collection of London, England.

Bernard C. Middleton, England's foremost bookbinder, has spent a lifetime collecting books on book binding, preservation, restoration and conservation. The collection is the largest of its kind and will enable the serious scholar to have access to comprehensive information on every aspect of bookbinding.

Announcement of the availability of the collection provoked intense competition from colleges around the world. In conversations with Institute representatives, Middleton explained his reasons for encouraging RIT's acquisition of his books. The collection would be kept intact in a secure, environmentally-controlled library, yet would be completely available for study to students at the Institute as well as to outside researchers.

In addition, under the auspices of RIT's College of Graphic Arts and Photography, extensive research has been carried out for many years in binding technology. Middleton, therefore, felt that his vast collection of historical material on bookbinding would provide a solid foundation on which future research might be based.

The purchase agreement dealing with the Middleton collection was signed in London on September 17. Representing RIT in the acquisition were Alfred L. Davis, RIT vice president and David Pankow, curator of RIT's Melbert B. Cary, Jr. Graphic Arts Collection. They were joined by Dudley A. Weiss, executive director emeritus of the Library Binding Institute and trustee of the Frank M. Barnard Foundation.

Commenting on the acquisition and the role of Weiss, Davis stated, "It is a significant extension of his interest in RIT and his special concern for RIT's bindery program and book-testing laboratory. RIT is deeply grateful to Mr. Weiss and the Frank M. Barnard Foundation for providing the funds for the purchase and an endowment to maintain this important collection.

"RIT is proud to be linked with Bernard Middleton and we express our appreciation to Mr. Middleton, who, at some considerable personal sacrifice, made it possible for the Institute to acquire a collection that will add so much to the resources of the School of Printing."

According to the agreement, RIT owns the collection, although Middleton will

maintain it in London as long as he has professional need for it. Still an active bookbinder, Middleton refers to the books for research and restoration purposes. A permanent exhibit of a representative number of volumes from the collection will be set up at RIT on a revolving basis. Volumes retained in England will be available for student use under the supervision of Middleton and Pankow, as research volumes and not circulating material. Interested scholars may contact Pankow at RIT for permission to study the collection.

Further, the agreement gives RIT "the right of first refusal" for the purchase of Middleton's collection of finishing tools. Ultimately the entire collection will be housed in RIT's College of Graphic Arts and Photography as part of the Melbert B. Cary, Jr. Graphic Arts Collection.

"It is the finest collection on the history of bookbinding that exists today," said Dr. Mark Guldin, dean of RIT's College of Graphic Arts and Photography. "Bernard Middleton is one of the world's finest binders. Any shows on bookbinding or exhibits on the art of the book include exhibits by Middleton."

Including more than 1,200 titles, the collection is unique, according to Pankow. "It is the only collection of its size in which all the books have been kept together. There are other libraries that contain some of the books, but none is as comprehensive as the Middleton Collection. It covers the entire history of bookbinding."

The major portion of the collection includes histories of bookbinding and biographical materials on famous binders. Also acquired were Middleton's collection of ephemeral items, including pictures, book binding tickets and pamphlets. There are two sets of bookbindings: one consists of papier mache covering the period 1830s-1860s (12 volumes); the other is a collection of fine bindings by binders including Zaehnsdorf, Riviere, Bagguley, Fazakaley, Doves Bindery and others.

Weiss supported RIT's acquisition of the collection because, "RIT is the foremost school of its kind in graphic arts; not only do students learn the technology of graphic arts, but are trained for a management and planning overview."

The Dudley A. Weiss Book Testing Laboratory, established by Weiss at RIT in 1976, provides a facility for study and research centering around the physical book.

Continued on page 4

Computer Network Initiated

RIT, one of the national leaders in academic computing and computer literacy, will become one of the first schools in the nation to experiment with an ETHERNET personal computer network from Digital Equipment Corp. (DEC), according to Dr. Robert Golden, head of RIT's Personal Computer Task Force.

"Phase one of the ETHERNET network will connect the VAX 780 systems A, B, C and D in the Ross Memorial Building, and the VAX 782 system in the College of Engineering. Future phases of the experiment will connect the DEC personal computers and terminals being used by the staff of Information Systems and Computing (ISC), the VT 100 style terminals being acquired by the College of Engineering for faculty and staff use, DEC personal computers being acquired by the College of Engineering and miscellaneous other systems in the two buildings and the College of Science," explained Dr. Harvey Rhody, head of RIT's Department of Electrical Engineering and a member of the Personal Computer Task Force.

"We also will be working on how to connect the UNIX system in the School of Computer Science and Technology with this network."

The initial phase of ETHERNET will enhance greatly the communication link between the VAX 780 systems and integrate the VAX 782 system in the College of Engineering into the network in an effective way; it will provide a base on which future phases can be developed and assessed. These future phases will permit a broad spectrum of Institute personnel to become familiar with the use of computer network resources, including the use of personal computers, singly or in clusters, and network software systems such as word processing and electronic mail. There also will be experiments to test the educational advantages of such a network over the traditional time-sharing systems of most universities.

"All the equipment for phase one of the network has been ordered and it is scheduled to be in operation by January 1984," said Golden. "I want to emphasize that RIT is going ahead with the project on a phase by phase basis and can back out at any time. At each phase the project has to demonstrate its educational value to the Institute before we proceed to the next phase."

"The Personal Computer Task Force is continuing to serve in a policy and advisory role to Dr. Thomas Plough, vice president for Academic Affairs," said Golden. "In addition to the ETHERNET network we are looking into what personal computers will be sold through the bookstore, ways of getting personal computers into the hands of faculty, and the relationship of personal computers to the VAX system. We also are working with ISC on the on-campus maintenance of personal computers and ways of encouraging the integration of personal computers into the educational lives of RIT students."

Regarding DEC personal computers at RIT, Golden explained, "DEC has had a series of software problems with its 'Pro' series of computers and this has slowed down their acceptance at the Institute. However, DEC is working to resolve these problems, and there is a lot of software available for their Rainbow series. There are, and will be, other major brands of personal computers for sale in the bookstore; we are trying to be flexible to meet the needs of everyone on campus."

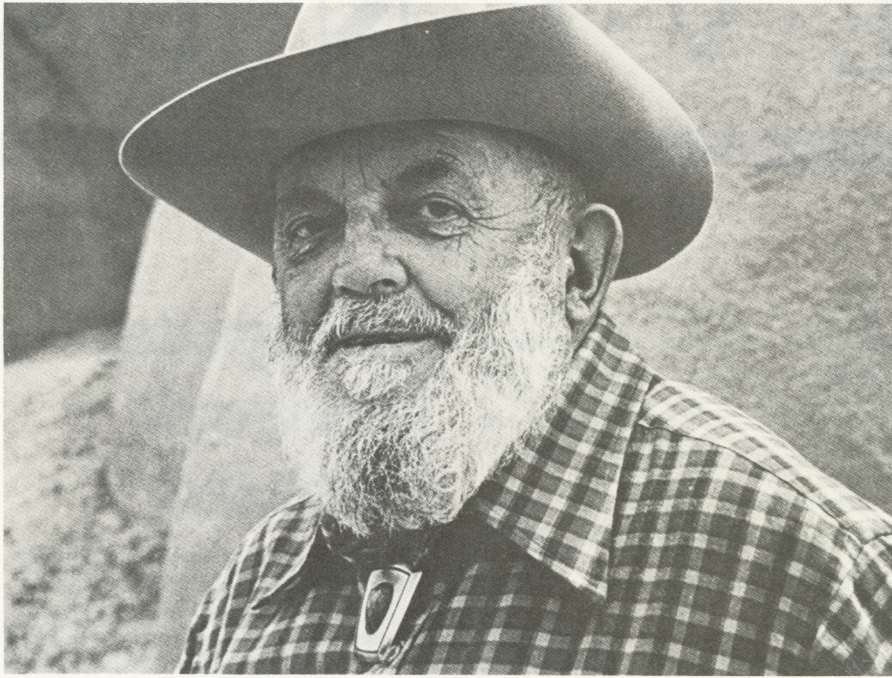


VIEWING SPECIAL COLLECTION

— Displaying for parents James Audubon's *Birds of America*, special full-size color reproductions housed in the Cary Library, are Alfred S. Horton, the Melbert B. Cary Jr. Professor, College of Graphic Arts and Photography, and right, Roxanne McClanahan, graduate assistant to David Pankow, Cary librarian. Interested parents are, from left, Hazel and Dennis McNamara, Gorham, N.Y., and David Ryel, Fayetteville, N.Y.



A SHOPPING BREAK DURING PARENTS' WEEKEND...Rick Cliver and his mother, Mrs. Sandy Cliver, Jamestown, N.Y., look over decals while shopping in the RIT Bookstore between programs during Parents' Weekend Nov. 5.



Ansel Adams by Beaumont Newhall, from the Collection of Dr. Richard Zakia.



Driftwood in Frosted Window by Minor White, from the Collection of Tom Wilson

The Joys of Collecting...Shared at Photo Gallery

Now on exhibit in the RIT Photo Gallery in the Frank E. Gannett Memorial Building is "Shared Views, Views Shared: Works from the Collections of Faculty in the School of Photographic Arts and Sciences."

The exhibit, which opened Saturday, will be on view Monday to Friday from noon to 4 p.m. through Nov. 17.

Included in the show are a variety of images by former faculty, alumni and guest lecturers and photographic memorabilia.

According to Weston D. Kemp, associate professor in the school and communications coordinator for the exhibit, "The show is a reflection of the perceptions of the faculty of the School of Photographic Arts and Sciences."

Kemp pointed out that some of the images in the show are photographs of which students have only seen reproductions, "For example," he said, "Minor White did a lot of his important work in Rochester and he used to give prints of his

work as Christmas presents to friends in the school."

Works by Jerry Uelsmann, Beaumont Newhall, Edward Weston, Ralph Hattersley, Gordon Parks, W. Eugene Smith, Cornell Capa, Bruce Davidson and White are in the exhibit. In all, 35 photographers are represented.

Along with photographs are such photography related materials as Steichen's book on Carl Sandburg, the first issue of *Popular Photography*, the collector's edition

of *Camerawork* and examples of 19th century daguerreotypes, ambrotypes and salt/albumen prints.

"A show like this acquaints students with the joys of collecting," Kemp commented.

In addition to Kemp, Dr. Richard Zakia, professor in the School of Photographic Arts and Sciences and director of the RIT Photo Gallery, has worked on the show as has Elliot Rubenstein, associate professor, who curated the show.

Reception Honors Douglass Scholars

Twenty-eight recipients of Frederick Douglass Scholarship Fund awards were honored at a reception Oct. 25 in Fireside Lounge. The fund was established in 1982 to recognize and encourage the contributions of black and Hispanic students to the campus and their communities.

Herbert Johnson, associate professor in the School of Printing, College of Graphic Arts and Photography, announced that \$1,600 had been added to the fund through fundraisers. The Black Awareness Coordinating Committee and faculty and staff contributed \$800 each.

Johnson introduced the following award winners to Dr. Thomas Plough, vice president for Academic Affairs, and guests:

College of Applied Science and Technology: Eunice Bernard, Crowell Chambers, Reedy Feggins, Nancy Jacobs, Linda Lockett, Lamont McKenzie, Paul P. Stewart, Dwayne Simmons, Roberto Trujillo, Tracey Roberts and Dana Waldon.

College of Business: Donna M. Henry, Dorothy I. Hobbs, Cynthia Jones, Marcia Moore and Traci M. Walker.

College of Engineering: Christopher Bryant and Anita E. Gill.

College of Fine and Applied Arts: Kimberley Chapman, Michael McAllister, and Joy McVay.

College of Graphic Arts and Photography: Tony B. Johnson, Kevin E. Whitehead and Tippi Younger.

College of Science: Michelle L. Gill, Anthony L. Jones, Jennienne Peoples and Mark Vaughn.

Bookstore Schedules Textbook Buyback Hours

Hours for textbook buyback at the RIT Bookstore are: Wednesday, Nov. 16, 8:30 to 6 p.m.; Thursday, Nov. 17, 10 a.m. until 7 p.m.; Friday, Nov. 18, 8:30 to 4:30 p.m.; Saturday, Nov. 19, 10 to 3 p.m.; Monday, Nov. 21, 8:30 to 7 p.m.; and Tuesday, Nov. 22, 8:30 to 8 p.m.



PHOTOS ON DISPLAY...Beth Gafarian, a second-year graduate student in the School of Photographic Arts and Sciences, discusses her photographic work with Dr. M. Richard Rose, RIT president. Work by Gafarian, who is from Santa Monica, Calif., has been on exhibit in Rose's office throughout the Fall Quarter.

Campus Safety Offers Precautions, Safety Programs

Safety on campus is a cooperative effort, says Leslie Scoville, director of Campus Safety. "Everyone should heed two basic precautions in attempting to prevent late night assaults: Don't be alone and learn how to protect yourself.

If students, faculty and staff must work late at night, Scoville urges that they call Campus Safety's Escort Service, 475-2853. If the service is called 15 minutes before an escort will be needed, waiting will be minimal.

"Because assaults are a crime of opportunity, the best thing one can do to protect oneself is to be with somebody," Scoville emphasized.

She reminds the RIT community that the Victim Assistance Program and Campus Safety's Crime prevention unit both offer educational programs on personal safety.

Jeff Meredith, loss prevention specialist, has presented four programs on prevention of rape and sexual assaults for students in residence halls and for staff of Institute departments: Registrar, Bursar, Business Services, Food Service, Purchasing and General Duplicating.

Scoville notes that considering the size of the campus and the number of students and employees on campus, assault incidents are infrequent.

Internationalism Efforts Cited

Two RIT faculty, Joseph Brown and William Larsen, recently were honored with RIT awards in recognition of their many contributions in furthering internationalism at RIT. John Humphries, administrator for international education in the Office of Faculty and Program Development, presented the awards at the international buffet held during Homecoming festivities last month.

Joseph Brown, associate professor in the School of Printing, had been a Peace Corps volunteer in Malaysia and his knowledge of living in a foreign country sensitized him to the needs of international students at RIT. Humphries explains, "Brown goes about his work in a quiet low-key manner, but he has contributed much to RIT above and beyond his professional teaching and research responsibilities." Brown served on the International Student Committee, a group of faculty and staff volunteers formed to help international students, and he has served as the key liaison between faculty and international students in all colleges. In addition, Brown is the orientation advisor for the College of Graphic Arts and Photography and is School of Printing foreign student advisor. Brown and his wife, Helen, also have taken many foreign students into their home.

William Larsen is well-known both at RIT and in the community for his work on international concerns. An associate professor in the School of Engineering Technology within the College of Applied

Science and Technology, Larsen is a member of Partners of the Americas, North American Congress on Latin America, Rochester Committee on Foreign Relations and Rochester Association of the United Nations. Through Partners of the Americas, an organization that involves many RIT faculty and staff, Larsen has gone to Antigua-Barbuda to train citizens in the basics of infrastructure management—water supply, sanitation, environmental controls, hazardous wastes and solid waste and transportation. He also has developed an infrastructure engineering training program for Caribbean students to be offered in Rochester during the summer of 1984.

PROFILE

U.T. Summers Has a Place in the World 'You Can Do Anything You Want'



"I've seen in the flesh most of the major poets of my generation..."

U.T. Summers lives in a "world of poets and scholars."

As an associate professor on the language and literature faculty of the College of Liberal Arts, she teaches about that world. As the wife of a professor of English and as a writer, she involves herself in symposiums and conferences that bring that world to college campuses and poets into her home.

But her world was not always idyllic. Summers grew up in the rural south of the 1920s and '30s in what she describes as "great poverty." She was born in Austin, Texas, and named U.T. "It's common in the south for boys to have initials for a name but not for girls," Summers explains.

Parents attending college while rearing families is usual today but not in the 1920s. Summers recalls that all four children were present when their parents, John and Mary Miller, received their degrees from Western Kentucky Teachers College.

Because teachers were so poorly paid, her father went into business, but her mother continued to teach wherever the family moved. "I lived in 11 different towns before I was seven," Summers remembers. By the time she was 17, the family had lived in towns in Kentucky and Tennessee, finally settling in McKenzie, Tenn.

In 1937, about the time she was thinking about college, her father disappeared.

"I believe he left as a direct result of the depression," Summers said thoughtfully. "I'm sure he felt that the family could get more help if he weren't around. Mother did not show any resentment toward him for deserting the family and we continued to love him. Three of four children named sons for him."

Summers' gamin-like face brightened as she recounted how she, a rural, southern girl with no financial resources, decided to go to Vassar College.

There were two factors in her choice besides the overriding philosophy her mother taught her children: You can do anything you want to do. Summers liked to read the poetry of Edna St. Vincent Millay and had noted that Millay had gone to Vassar. Also, she remembered her mother's story about her grandfather, a farmer, who voiced his thoughts about his career choice while he and his daughter hoed the fields. "If I had it to do over, I wouldn't have stopped this side of Yale University."

Vassar was as close to Yale as U.T. could get in those days.

Summers tells of an impediment to her college plans. She had to have an alumna recommend her for admission. Undaunted, she asked Vassar to send her the name and address of an alumna near McKenzie. In this way, she met Mrs. C. Gooch of Memphis who, after meeting Summers, decided she should have the scholarship her family endowed at Vassar.

"Going to Vassar was a leap into a completely different world and I loved it. Though I didn't know whether or not I was actually going until about a month before the term, I had decided that my new life at Vassar at worst couldn't be as miserable as high school had been for me."

She met her husband, Joseph, while studying on fellowship at Radcliffe. Joseph came from Madisonville, Ky., only about 100 miles from McKenzie and was studying at Harvard on scholarship. Friends thought they should meet because of their similar backgrounds.

The son of a Baptist minister, Joseph was a conscientious objector during World War II. The couple married while Joseph was in a CO camp where tests of the then-new chemical, DDT, were being conducted. Joseph is a professor of English at the University of Rochester and author of books

on the religious poet, George Herbert, and on John Milton.

Her most valuable experience, U.T. relates, was her job as an editor for the Houghton Mifflin Co., Boston publisher. Among other writers, she got to know the acclaimed poet, Elizabeth Bishop, "of whom everyone in the office was afraid. But she liked Joe and me for our southern, rural background. Actually, she was shy, asthmatic, an orphan who cherished privacy."

Proudly and matter-of-factly, Summers says, "I've seen in the flesh most of the major poets of my generation, from 1940 to 1980." These include Robert Lowell, Richard Wilbur (whose translations of Moliere's plays, *The Misanthrope* and *Tartuffe* are currently in production), Richard Eberhart, James Merrill, William Carlos Williams, and Louise Bogan.

When Le Moyne College in Syracuse conducted a symposium on religion and literature in October in honor of Joseph Summers, several of the writer-participants were guests in the Summers' home on Crosman Terrace.

Really more interested in writing prose, Summers has had several stories and articles published. Her work in progress is *Be Somebody: Bringing Up a Family in the Twenties and Thirties*, a 312-page memoir now being read by a publisher.

Teaching, which she gave up while raising her three children, is a source of joy and gratification. She teaches Creative Writing, Women in Literature, Modern Poetry and The Art of Poetry. She's particularly interested in getting her students' works published, even if it's photocopied "limited publication" to class members. "I believe it's essential for writers to have others read their work."



Housing Planned For New Center

The newly established Center for Quality and Applied Statistics will be housed in the near future in a modular unit facility.

The modules, similar to those opened for the College of Science this fall, are expected to be in place by December 15. They will be located west of the Chester Carlson Memorial Building and will include a conference room, six offices for faculty and support staff and 14 computer stations making up a statistics laboratory.

The Center for Quality and Applied Statistics within the College of Continuing Education was established to continue the college's graduate program in applied statistics and to offer a variety of graduate courses in quality and quality disciplines as well as contract training courses in statistical quality control and quality management for industry, business and government agencies.

Dr. John Hromi, director of the center, says, "The housing of the center will give the program a home from which we can strengthen and energize the graduate statistics program. The statistics laboratory will be available to students at all levels and will be staffed by people capable of advising in the solution of statistical and quality problems. The conference room will be used in setting up contract training for updating and or upgrading those already employed in industry. With the building we will be in a better position to provide the long term training of reliability professionals. Although the center is relatively new, local companies are already availing themselves of our services. We anticipate that revenues from increased activities in the center will completely pay for this new facility in two or three years. We are pleased to answer any queries about our training."

No Singing in Shower For Reagan's Hearing Aid

Earlier this fall, Dr. William Castle, vice president for Government Relations for RIT and director of NTID, sent a letter to President Reagan telling him that NTID is "very grateful for the example you have set for our students and other hearing-impaired persons by making it publicly known that you wear a hearing aid..."

Castle received the following letter from the president in reply: Thank you for your letter and your generous words. I was pleased to learn that my wearing a hearing aid may help to remove the stigma which some feel is attached to their use. Perhaps you may want to warn them about wearing it into the shower! I did that once; no harm done, but the aid squealed in protest. Again, thanks and best regards, sincerely, Ronald Reagan.

Newspaper Students Earn Gannett, Scripps-Howard Scholarships

Twelve students in the newspaper production management program of RIT's School of Printing have received scholarships and fellowships from the Gannett Foundation, Inc. and the Scripps-Howard Foundation.

In presenting the awards to the students, Dr. Robert G. Hacker, RIT's Paul and Louise Miller Professor of Newspaper Management and coordinator of the newspaper program, said "We are pleased that these foundations are looking to the future of the newspaper industry through their support of these students."

The scholarship presentations took place at a luncheon to honor the recipients last week in the College Conference Room of the Frank E. Gannett Memorial Building. Among the guests at the luncheon were Dr. Mark F. Guldin, dean of the College of Graphic Arts and Photography, and Dr.

William A. Pakan, director of the School of Printing.

Six students received Scripps-Howard Foundation scholarships, five students received Gannett Foundation, Inc., fellowships and one student received both. Total value of the scholarships and fellowships was \$34,500.

Scripps-Howard Foundation Scholarship awards were made to senior Ross Adler, juniors Matthew L. Flood and Bruce Thompson; sophomores Michele Lambert and Kathy Schaufler, and freshman Paul Flood.

Receiving Gannett Foundation, Inc., Fellowship awards are senior Marie Sgambellone; junior Todd Socia, and sophomores Mary Bertone, Mary Czarnecki and Keith McNeVins.

First-year student William Garno received awards from both foundations.



Smiling scholarship winners gather in the newspaper production lab. Pictured are, from left, Todd Socia, Matthew Flood, Marie Sgambellone, Dr. Robert G. Hacker, Michele Lambert, Kathy Schaufler, Bruce Thompson, Mary Bertone, Keith McNeVins, Ross Adler, Paul Flood and Mary Czarnecki. The students, who are all enrolled in newspaper production management, received either Gannett Foundation, Inc. Fellowships or Scripps-Howard Scholarships. Hacker, RIT's Paul and Louise Miller Professor of Newspaper Management, is coordinator of the newspaper program.

NEWSMAKERS

● **Ed Steffens**, director, and **Carole Trusler**, assistant director of the Office of Special Events, have been asked to serve as moderators for this year's educational seminar held at Niagara University's Institute of Transportation, Travel and Tourism. The forum will be held Nov. 9 and is co-sponsored by the Upstate New York Chapter of Meeting Planners International. The presentation will be on careers in meeting planning and will involve students and professionals from the industry.

● **Gene Clark**, director of veterans affairs, Institutional Advancement Division, was elected to the board of directors of the National Association of Veterans Program Administrators (NAVPA.) Elected at the national conference in Hawaii recently, Clark will represent Region II, which includes New York, New Jersey and Puerto Rico. During the conference RIT was named NAVPA's national award winner for the quality of its veteran recruitment program.

● **John A. Murley**, assistant professor in the College of Liberal Arts, has accepted an invitation from Monroe County Sheriff Andrew Meloni to serve on the Citizens Advisory Committee on the Jail. Murley teaches both criminal justice and political science courses in liberal arts.

● **Dr. You-keng Chiang**, professor of economics in the College of Business, presented a paper, "Floating Exchange Rates and Purchasing Power

Parity 1973-1983," at the annual meeting of the Atlantic Economic Society held in Philadelphia, October 6-9. At the same meeting, Dr. Chiang also served as a discussant on a paper, "Robertson vs. Keynes: A Re-evaluation."

● **Dr. Andrew J. DuBrin**, professor of behavioral sciences and chairman of the Department of Management in the College of Business, conducted a "Hospital Supervisory Seminar" for the Hospital Personnel Management Association of Western New York. DuBrin's program was entitled "The Power of Positive Reinforcement: Encouraging Constructive Behavior on the Job" and featured discussion of how positive reinforcement is used in motivating employees.

● **Barry M. Keesan**, associate professor, NTID Division of Science and Engineering, presented a session, "Practical Applications of Microcomputers," at the fall conference of the Genesee Valley Chapter of the American Society for Training and Development.

● **Dr. Bruce A. Austin**, associate professor in the College of Liberal Arts, has had an article published in *Psychological Reports* (volume 53, 1983, pp. 883-889). The article, "Factorial Structure of the UCLA Loneliness Scale," reports that while previous research has shown the scale to be unidimensional, Austin found that it tapped three dimensions of loneliness among college students.

● **Dr. Eugene Fram**, chairman of the Department of Marketing in the College of Business and board president of the Family Service of Rochester, will be the presenter at an Organizational Symposium for the 1983 Family Service Association of America Biennial held in Detroit Nov. 17-20. Board leaders and executive directors of Family Service Association member agencies will meet at the symposium to examine the role and mission of family agencies in today's environment. Dr. Fram also will conduct a session on "Fundamentals of Marketing," relating management and marketing issues to the nonprofit human services sector.

● **Daniel D. Tessonni**, assistant professor in the Department of Accounting and Finance in the College of Business, addressed the RIT Executive Program on the topic, "Critical Accounting Statements." Tessonni explained his objective was to provide participants with an overview of the formulation and interpretation of corporate financial statements. He emphasized the use of alternative acceptable accounting principles but cautioned that it is incumbent upon managers to understand the potential impact (political ramifications, sale of stock, etc.) of choosing among the acceptable alternatives.



THE BEST ONE YET....The 250 guests at the Deferred Giving Seminar said it was the finest ever held at RIT. Among the guests were, left to right, Dr. Robert Frisina, senior vice president, Institutional Advancement, Alan R. Ziegler, chairman of the Deferred Giving Advisory Committee for RIT, Dr. C.J. Young, vice president for Development, and Dr. Russell C. Kraus, director, School of Photography.

College of Science Aids Secondary Education

Nationwide attention has focused recently on the decline of science and mathematics education in our secondary schools.

"RIT's College of Science has long been concerned with the quality of science and mathematics in Rochester area secondary education and its effects on the academic abilities of the students entering our higher education programs," says Dr. John D. Paliouras, dean of the College of Science.

The College of Science has tried to improve secondary science and mathematics education through a variety of avenues.

For the past decade, more than 1,000 teachers from a five-county Rochester area have taken part in the college's much acclaimed mini-courses for high school science and mathematics teachers. The free courses are designed to highlight special interest topics and incorporate techniques and materials that can be readily used in the classroom. These courses were developed initially by College of Science faculty in conjunction with area teachers who felt the need for a continuing science education not readily available in the area. The after-school programs typically consist of a three-hour class, once a week, for five weeks.

From 1972 to the Spring of 1977 the college funded the programs without any outside support. Beginning in the Fall of 1977 and for the next four years, the college received financial support for the mini-courses from the National Science Foundation. That funding not only allowed the courses to be offered free, but compensated the participants for course materials and travel expenses. The college has funded the courses since 1981.

During the past year the College of Science has taken a step to help alleviate the critical shortage of qualified science and mathematics teachers at the secondary level. The college and the University of Rochester's Graduate School of Education and Human Development have reached an agreement that could serve as a model for other institutions wishing to prepare science and mathematics teachers.

RIT students majoring in applied mathematics, computational mathematics, chemistry physics or biology, who are interested in pursuing a career in teaching at the high school level, will attend the university for the education sequence required for New York State secondary teaching certification. The students will receive their degree from RIT but earn their teaching certification through the University of Rochester.

"This unique arrangement uses existing resources at each university and does not require the establishment of expensive new programs or facilities. It is a program we feel will increase the area's pool of secondary science and mathematics teachers," says Paliouras.

The College of Science also has a Speakers' Bureau that offers a variety of programs for secondary school science and mathematics teachers. In past years faculty have visited hundreds of high school classrooms throughout western New York and lectured on a wide range of topics. Moreover, high school science and mathematics classes are encouraged to visit the college as well. It also has been found that students often benefit more from a field trip to the College of Science than they do from listening to a lecture in their classroom. Students coming to RIT are able to tour the college's facilities and often are able to use the college's sophisticated equipment and participate in laboratory exercises.

Another feature of the Speakers' Bureau is the teacher workshop program. High school teachers are encouraged to visit the College of Science, familiarize themselves with the programs and facilities and exchange ideas with faculty.

"Although we feel that our efforts to foster pre-college science and mathematics education in the Rochester area have been, and will continue to be, very successful, we are continually investing in that direction and striving to develop innovative programs and ideas that we can share with our counterparts in the secondary schools," adds Paliouras.

Library Hours Set For Exam Weeks

Library schedule for the weekend before finals is 7:30 a.m. to 11 p.m. Friday, Nov. 11; 9 a.m. until 8 p.m. Saturday, Nov. 12; and 10 a.m. until 12 Midnight, Sunday, Nov. 13.

Finals week hours are 7 a.m. until Midnight, Friday, Nov. 18; 9 a.m. to 8 p.m. Saturday, Nov. 19; 9 a.m. until Midnight, Sunday, Nov. 20; 7 a.m. to 11 p.m. Monday, Nov. 21 and 7 a.m. until 10 p.m. Tuesday, Nov. 22; Wednesday, break day, Nov. 23, 8:30 a.m. until 4:30 p.m.

Middleton Collection

Continued from page 1

Using sophisticated techniques and equipment, students learn quality control procedures. Book performance testing includes page-flex, page-pull, abrasion, sliding-tumble and aging tests to determine book construction quality.

Middleton, whose father was a bookbinder, won a trade scholarship to the Central School of Arts and Crafts in London while a teenager. Later, (1940), he became apprenticed to the bindery run by His Majesty's Stationery Office in the British Museum. In 1953, after years of refining his skill, he set up his own bookbindery in Broadwick Street, Soho. Middleton's extensive knowledge of the technical history of the craft was evidenced in 1963 when he published "History of English Craft Bookbinding Technique."

A founding member of Designer Bookbinders, an organization of bookbinders in Great Britain, Middleton had an advantage as a collector since he used many of the books himself. Some of the rarest books in the collection are technical manuals used by binders in their daily work.

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