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Beginnings '87 Means Good-Bye for 3,100 Graduates



Commencement Includes Firsts

Commencement ceremonies will include a number of firsts this year, including graduates in information systems and applied statistics programs, and the first five-year graduates in microelectronic engineering.

In 1984 the College of Science responded to a nationwide shortage of statisticians by offering the applied statistics program, one of the few baccalaureate degree programs of its kind in the nation. When the program was initiated, the National Science Foundation had projected a shortage of 19,000 statisticians into the 1990s.

The nine graduates are: Gia Ferrante, Heather Laddick, Janet Martens, Scott McNitt, Tracy Millander, Glenn Nixon, Susan O'Hern, Ken Serwan and Ernest Wilson.

An aspect of the program that is attractive to business and industry is cooperative education. The students had varied co-op jobs: Ferrante, Department of Mathematics in the College of Science; Martens, Census Bureau and Xerox; McNitt, IBM and Xerox; Millander, IBM; Nixon, Rochester Products; O'Hern, Mitre Corp., Xerox and Interactive Video Systems; Serwan, City of Rochester Environmental Division; and Wilson, DuPont and Department of Mathematics.

According to Dr. George Georgantas, head of the Department of Mathematics, "American industry has been forced to take a close look at its quality control and reliability analysis because of the competition from Japanese industry." He adds, "Statisticians design and implement experiments to gather and analyze data with computers and then advise management on whether the product is operating correctly."

The information systems program was created by the College of Business in 1984 in response to the proliferation of computer-based systems within industry. Graduates of the program know computer and information systems design and analysis, as well as general business principles.

Information systems has been identified as one of the careers of tomorrow. The U.S. Department of Labor, Bureau of Labor Statistics, predicts the number of jobs for computer systems analysts in general will increase by 85 percent through 1995.

The first students to complete their five-year course of study in microelectronic engineering will also graduate this year. Offered by the College of Engineering, in conjunction with the College of Graphic Arts and Photography and the College of Science, the program is the western hemisphere's only photoscience program. Photolithography is the key element in the manufacture of integrated circuitry.

Students graduate with the ability to step directly into important positions in the semiconductor industry. New graduates previously needed months of expensive on-the-job training before they could make meaningful contributions in their work.

"We are proud that our recent investments in new career programs are yielding their first returns—qualified graduates," said President Rose. "It's important that a technical institution the caliber of RIT develops new programs to meet the needs of a continually changing world economy. We wish these graduates, along with all of our 1987 graduates, successful careers with the assurance that we have given them a thorough education in their chosen fields."

Graduates will be the center of attention at RIT's 102nd commencement, "Beginnings '87," on Saturday, May 23. More than 3,100 graduates will receive their diplomas in individual presentations by college deans.

The commencement program at RIT is an unconventional day of ceremonies designed as a festival of recognition for graduates and their families and guests. Six separate ceremonies, four in the morning and two in the afternoon, are coupled with a campus-wide celebration.

In keeping with RIT's aim to focus attention on the graduates, there is no outside commencement speaker. President Rose will address each of the six ceremonies, speaking at the beginning of one ceremony and at the end of the next.

"We've made a tradition of being untraditional," says Rose. "As always, while we have a large number of students graduating, our priority is to create a personal atmosphere where each graduate, parent, and guest leaves with a feeling of pride."

Commencement festivities are highlighted by music, colorful flags and banners. Among the activities scheduled throughout the day are college open houses and special events between 10:30 a.m. and 2 p.m. Outdoor entertainment is provided by the Mississippi Mudders and the Trinidad and Tobago Steel Band. Food and information booths are located near the academic buildings.

Graduation times and locations are: College of Applied Science and Technology, 8:30 a.m., Frank Ritter Memorial Arena; College of Engineering and College of Science, 8:30 a.m., George H. Clark Memorial Gymnasium; College of Graphic Arts and Photography and College of Fine and Applied Arts, 11:30 a.m., Ritter Memorial Arena; National Technical Institute for the Deaf, 11:30 a.m., Clark Memorial Gymnasium; College of Business and College of Liberal Arts, 2:30 p.m., Ritter Memorial Arena; College of Continuing Education, 2:30 p.m., Clark Memorial Gymnasium.

Education Department Designates \$1 Million for RIT Student Loans

RIT is one of 10 universities in the country selected to participate in a federal pilot program that will tie the repayment of student loans to future job earnings, and will receive \$1 million of the \$5 million allotted nationally for the project.

RIT is the only institution selected in New York State and joins Brown and Rutgers universities in representing the Northeast.

The program will allow students to repay loans at variable rates based upon their post-graduation earnings.

"Our institutional strategy to assist RIT students in financing their educations has been to develop an array of financing programs to support as many students as possible," said James G. Miller, vice president for Enrollment Management and Career Services. "This new loan program complements programs presently available.

"It should encourage students to take jobs where their interests are strongest, rather than just the highest paying jobs that would allow them to repay their loans more quickly," Miller added.

In a national announcement made earlier this month, U.S. Secretary of Education William J. Bennett called the program "the wave of the future," and said it could be extended to other institutions, replacing some existing federal loan programs, which require repayment on a fixed schedule.

This money could become available to about 500 students in the next five years, Miller said.

"RIT has been at the forefront in professional career-oriented education," said President Rose. "We have developed many distinctive programs, such as microelectronic engineering, imaging science, polymer chemistry, biomedical technology and others."

Miller cited the efforts of Parvesh Singh, director of Financial Aid, Lori Kemp, and Angie Cerretto of the Financial Aid Office for their efforts in investigating, developing, and submitting the proposal. "This is another example of our financial aid office's strong desire to serve our students," he said.

Freshmen and sophomores could borrow up to \$2,500 a year, juniors up to \$3,500 and seniors and fifth-year students up to \$4,500. The ceiling would be \$17,500.

Although interest on the loans would begin accruing immediately, the first payment would not be required until nine months after a student leaves college. The interest rate would be three points above the rate for 91-day Treasury bills. For the coming school year, for example, that rate would be 8.65 percent.

In the first two years of employment, when earnings are expected to be lower, students would have the option of repaying loans at the rate of \$30 a month per \$10,000 borrowed. Repayment in the third year after graduation would be in the amount of 5 to 15 percent of the outstanding balance. Starting with the fourth year, a graduated scale would determine the repayment schedule.

Xerox Executive Named Dean in Graphics Arts & Photography

After a year-long search across the nation, Dr. Thomas R. Plough, provost and vice president for Academic Affairs, announced that Dr. Edward C. McIrvine has been selected as the new dean of the College of Graphic Arts and Photography. McIrvine, currently a research and development manager at Xerox Corp., will assume the post July 15.

"Ted McIrvine's leadership will help RIT maintain its renowned national and international reputation in graphic arts and photography. With our faculty's talent in

visual communications, including electronic imaging, RIT is postured to assume a distinctive educational position in the field of imaging science," says Plough. "With his broad industrial experiences and scientific training, Ted was the ideal choice for RIT."

McIrvine, whose wide-ranging experience results from his progression through three major U.S. corporations, has spent most of his 29-year career at Xerox, where he serves as manager of technology

planning for the corporation's Webster Research Center.

After earning his doctorate in theoretical physics from Cornell University in 1959, he conducted technical research at the General Atomic Division of General Dynamics Corporation and Ford Motor Company, he joined Xerox's research and development staff in 1969.

"The College of Graphic Arts and Photography at RIT presents an unusual opportunity to combine the aesthetics of



Dr. Edward McIrvine

visual images with the technologies that are important to modern imaging techniques. I'm looking forward to working on both of these exciting and challenging

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RIT's victorious Mini-Baja team returned to campus after a long drive from Orlando, Fla. On campus they were given an escort by two Campus Safety vehicles. After being greeted and cheered by faculty, staff and students, President Rose presented the trophy for first place in the Mini-Baja East competition to faculty adviser Dr. Alan Nye. Looking on are members of the team.

Engineering Students Win First Place in Baja Race

It was a happy trip to Orlando, Fla., May 7-9, for the RIT Mini-Baja team. For the second time in the eight years RIT has competed in the Mini-Baja East competition, the engineering students captured first place (the team also won in 1981). RIT students have an impressive record in the competition, finishing among the top five positions in past years.

"The key to winning was that we did consistently well in all the events, including a first place finish in the endurance race," says Dr. Alan Nye, mechanical engineering professor and faculty adviser for the team. "Everyone at the event was very impressed with the car and the work our students did. At the awards banquet the faculty adviser for the University of Maryland team told me that he believes RIT has defined a new level of quality for the Mini-Baja," explains Nye. RIT defeated about 30 colleges from across the nation and Canada.

The students on this year's winning team who went to Orlando are: team captains Jon Nichols and David Cole; Debbie St. Onge; Kevin Willard; Ed Cary; Michael Dorr; Terry Radigan; and John

Hertzog. Other students who worked on the car are William Robertson, John Donahue and Jeff Ayers.

The students had a special visitor at the competition. President Rose, who was in Florida at the time, spent a few hours watching the events, including the entire endurance race.

"It's great practical experience for the students to put their classroom learning to the test," says Nye.

In the Mini-Baja competition engineering students must design and build a one-person, all-terrain vehicle with four wheels, powered by an eight-horse Briggs and Stratton engine, and compete in a variety of events involving water, mud and a lot of bumps. The vehicle also must have the potential to be mass produced at a cost of \$1,500.

Capturing the Mini-Baja East isn't enough for this dedicated group of students. They will be off to Dayton, Ohio, May 29-31, for the Midwestern Mini-Baja competition.

The RIT team received a lot of support from the following places in order to compete this year: RIT Student Directorate, Rochester Products/Delco, RIT Student Chapter of the American Society of Mechanical Engineers, Allied Bendix, Vincent Buick and Volkswagon, B&B Oldsmobile, Society of Automotive Engineers Senior Section, and Gleason Works.

Majority Whip to Speak At NTID Awards Ceremony

House Majority Whip Tony Coelho, U.S. representative from the 15th Congressional District of California, will be the featured speaker at NTID's ninth annual Academic Awards Ceremony, 3 p.m., Friday, May 22.

The ceremony recognizes certain students for outstanding academic achievements and contributions to the community.

Rep. Coelho has been featured by *U.S. News and World Report* as one of the "10 rising stars of American politics."

First elected to Congress in 1978, Coelho sits on the Agriculture, Interior and Insular Affairs, and House Administration committees. The House Democratic Caucus elected him whip during the organization of the 100th Congress. Prior to this election, he served for six years as chairman of the Democratic Congressional Campaign Committee and is credited with an almost 10-fold expansion of that committee's fund-raising efforts.

Coelho, who serves on the board of directors of the Epilepsy Foundation of America, is an advocate on behalf of persons with disabilities. He also sits on the National Advisory Board of American University and the board of visitors of Duke University's Institute of Policy Sciences and Public Affairs.

Tiger Hoopsters #1 in Academic Ability

This year, the varsity basketball team displayed its prowess both on and off the court. The Tigers, who finished third in the Independent College Athletic Conference (ICAC) with a 7-5 league record, head the league in the classroom, boasting six players on the first ICAC All-Academic Basketball Team.

Cited for their academic achievements are junior forwards Chris Bawden and Shenan Hennrich, junior guard/forward Christian Keator, junior guard Jeff Rogers, junior center Shawn McLaughlin and freshman forward Mike Scampini.

The recognition goes to conference varsity basketball players who maintain a 3.0 or better cumulative grade point average (GPA).

Bawden maintains a 3.88 GPA in materials management (College of Business). Hennrich has a 3.65 GPA in electrical engineering (College of Engineering). Keator maintains a 3.52 GPA in packaging science (College of Applied Science and Technology).

Rogers transferred to RIT from Hobart College. He has a 3.29 GPA in business administration (College of Business).

Student Athletes Honored For Academic, Athletic Efforts

Five athletes were cited recently for their outstanding athletic and academic achievements. Frank Hinchey and Ritchie Herbert were named Senior Male Athletes of the Year and Shirley Fowler was chosen Senior Female Athlete of the Year. Ted Diehl was recipient of the Ellingson Award, which recognizes a student athlete who demonstrates a high degree of academic achievement, and John Wagner was named Independent College Athletic Conference (ICAC) Male Athlete of the Year.

Presentation of awards took place May 12 at the annual athletes picnic at Liberty Hill, the home of President and Mrs. Rose.

Hinchey was an All-American in soccer this year and represented the Institute in the annual Senior Bowl Classic held in Florida. During his playing career, RIT soccer posted a 59-1-9 record (including 56 straight regular season victories) and won four conference titles.

Herbert was a mainstay of the highly successful Tiger hockey team. He was a first team All-Eastern College Athletic

Conference (ECAC) selection and finishes with 202 career points, third on the all-time scoring list. Last year Herbert was a guest on the "Today Show" and was featured in *The Chronicle of Higher Education* and *Amateur Sports Magazine*.

Shirley Fowler played three seasons of tennis at RIT and won the ICAC first singles title this year, helping guide the Institute to the team crown. She had an 11-3 singles record and 8-4 doubles mark. RIT finished with a 9-1 dual record and 26-6 record during her three seasons.

Ted Diehl, a mechanical engineering major, played four seasons of lacrosse and has maintained a 3.98 grade point average. He completes his lacrosse eligibility this season and will receive both bachelor's and master's degrees next spring. Diehl had an outstanding lacrosse season, leading the team with 52 points.

John Wagner is the first RIT recipient of an ICAC Athlete of the Year Award. He was honored for his outstanding accomplishments in cross country. Wagner was an All-American in cross country last fall, placing 14th in the NCAAs. He also captured the ECAC, ICAC and Upper New York State championships. Wagner majors in mechanical engineering where he maintains a 3.84 GPA.

Roger Dykes, sports information director, received the Coaches Appreciation Award for significant contributions, dedication and support to the Athletic Department. The award was presented to Dykes by the coaches.

Summer to See Campus Construction Begin

Plans are proceeding for the construction of an office/laboratory building at the corner of John and Jefferson streets this summer, as the first stage of development of the RIT Research and Development Park. Simultaneously, the site plan for the entire area is being developed by the Farash Corp.

When the Farash plan is completed, it will go to the appropriate governmental agencies for approvals.

"There should be no immediate effect on campus when construction begins on the building," says Richard Lindner, assistant to the vice president, Finance and Administration. "When the building is occupied, it is expected that tenant companies will offer employment and consulting opportunities for RIT faculty and students."

In addition, the western portion of a loop road around the campus will be constructed this summer. The road will lead to a 500-car parking lot to be built southwest of the Hugh L. Carey Building.

Students Named NCR Scholars

Two electrical engineering students received the 1987 NCR Awards of Excellence for their academic performance during a ceremony May 5 in the office of Richard Kenyon, dean for the College of Engineering.

Vernon E. Shrauger, a fourth-year student from Williamsville, and Clayton P. Turner, a third-year student from Rochester, each received a plaque and a \$500 cash award from NCR employment manager Greg George. The Electrical Engineering Department also received a \$1,000 cash award.

George, who coordinates NCR's recruitment efforts at RIT, said, "As a company NCR is committed to excellence, and so is RIT's program in electrical engineering. We look for the top students at the top schools in programs that will produce the best professionals in their fields, and recognize those programs and those individual students."

NCR, which employs 64,000 people worldwide, tracks the success of its professional employees, George said, and focuses its recruitment efforts on those schools that have consistently produced high-performance employees. "People from RIT do very well within the company," he said, "and I told both of this year's award winners that we'll be keeping an eye on them."

Shrauger has a grade point average of 3.95 and has received a number of honors, including Outstanding RIT Undergraduate Scholar, the Edward J. Ries Engineering Scholarship, and memberships in Tau Beta Pi National Engineering Honor Society, Eta Kappa Nu National Electrical Engineering Society, and Phi Kappa Phi National Honor Society. He has had co-op assignments at IBM Research in Yorktown Heights and IBM Poughkeepsie.

Turner, a graduate of Monroe Community College, is a recipient of the Monroe Community College Medal, and Certificate of Academic Achievement. He has a grade point average of 3.88, teaches electrical engineering laboratory classes for RIT, and sets up and writes software for the digital signal processing system. He served in the U.S. Army as a specialist-four from 1976 to 1979.

RIT Creates Unique Learning Academy

Together with a group of active Rochesterians, RIT is launching a distinctive new project—the Athenaeum, Rochester's academy for learning after 55.

Today's Athenaeum is similar in concept to an earlier Athenaeum, RIT's predecessor, established in 1829 as a forum for prominent Rochesterians to share new ideas and begin new associations.

The Athenaeum will be run by and for adults of retirement age who are committed to continued learning. Members will form an intellectual cooperative, pay annual dues to support the organization, and be of service to one another. They will use their own wealth of experience and talent to plan and implement college-level courses and educational experiences for themselves and their colleagues.

Everyone involved in the Athenaeum will take a part—from leading courses, planning and administering programs, to office work.

Sponsored by RIT Training and Professional Development, the Athenaeum will be run by an elected council of members that will plan and set policy.

Mark Blazey, director of Training and Professional Development and associate dean of the College of Continuing Education, helped to originate the program at RIT to provide a meaningful experience for all Rochesterians of retirement age who seek both social fulfillment and intellectual stimulation.

"I count this effort as one of RIT's most exciting projects," says Blazey. "It has been a pleasure to work with the founding members and watch their enthusiasm and excitement grow as the Athenaeum takes shape. While other colleges and universities in the area have programs for older adults," Blazey adds, "we believe that the Athenaeum is unique in that it focuses on courses developed and led by peers, rather than a hired instructor, and provides more opportunities for social interaction and learning."

"The 1980s and 1990s are bringing a new definition of retirement and aging," says Joyce Herman, coordinator of the program.



BACK TO BOOK BAGS... Athenaeum steering committee members (from left) Abe Hollander, Carolyn Taylor, Alice Young and Dorothy Wadsworth tour the RIT campus.

"Men and women are living longer, and many are retiring earlier. Increasingly, however, people are recognizing that those who live best maintain intellectual fitness, not just physical fitness."

The first courses will begin on September 28, and run through December 11. Those already planned include: "Writing Your Own Autobiography" by Desmond Stone; "Photographing People" by Lou Ouzer; "Playing Shakespeare" by Dr. Harvey Granite; "Comparative Religious Views of Sexual Issues" by Rev. J.C. Wynn; "The World Turned Upside Down" by Louise Spivak; "Drawing and Painting" by Ronald (Bud) Feinen; "Conflict Resolution" by Rev. Virginia Mackey; and "Irish Literature" by Dr. Louis G. Dickens.

Athenaeum members will receive an RIT student identification card, giving them access to the campus bookstore, library, media resources, computer time for course

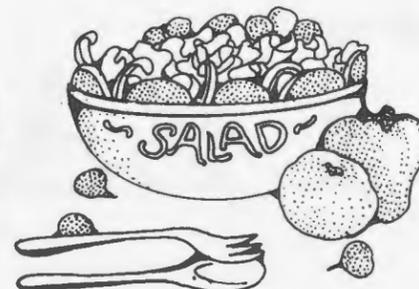
work, recreational facilities, campus parking, and student admission rates to campus events.

RIT has provided offices and classrooms at the Racquet Club on East River Road.

"Members can look forward to being part of a community of like-minded peers in a supportive environment," says Herman. She adds, only half in jest, "We're finding people lying about their ages to join the Athenaeum. The Athenaeum is truly a celebration of older age."

Dorothy Wadsworth, chair of the Athenaeum steering committee, summarizes the group's spirit and goal. "We will create a unique community for learning, for social interaction, for networking and for fellowship, serving all of Rochester and the surrounding area. We are thrilled that RIT has provided this opportunity and we look forward to a long and productive relationship."

For more information on the Athenaeum, please call Joyce Herman at -6600.



Seminar Examines Nutrition Questions

"Controversies in Nutrition," a one-day conference for dietitians, nurses, educators and other allied health professionals, will be offered from 8:30 a.m. to 5 p.m., June 4, in the Lyndon Baines Johnson Building, NTID.

Current issues such as the use of supplements, the safety of the U.S. food supply, fish oils and health, and the relationship between nutrition and physical performance will be discussed by eight eminent experts in nutrition.

"We want to bring current information on important topics in nutrition to Rochester area professionals," says Lee Hopkins, coordinator of dietetics in the School of Food, Hotel and Tourism Management.

Conference topics and speakers include:

"How to Deal with Nutrition Controversies," Marilyn Kruse, manager, Consumer Nutrition Center, Kraft, Inc.; "Nutrient Supplementation: Risk/Benefit Analysis," Dr. John Hathcock, chief, Experimental Nutrition Branch, U.S. Food and Drug Administration; "Nutrient Bioavailability," Dr. Connie Weaver, associate professor, Department of Food and Nutrition, Purdue University; "Use and Misuse of Supplements," Dr. Lois Schroeder, associate professor, Department of Human Nutrition, Syracuse University; "Dietary Management of Lactose Intolerance," Dr. Dennis Savaiano, associate professor of nutrition, University of Minnesota; "Is Our Food Supply Safe?" Dr. Robert Gravani, associate professor, Department of Food Science, Cornell University; "Fish Oils and Health," Dr. Bruce German, post-doctoral associate, Department of Food Science, Cornell University; and "Nutrition: Is It a Key to Physical Performance?," Dr. Melvin Williams, director, Human Performance Laboratory, Old Domain University.

The conference is sponsored by the Dairy Council of Rochester, Inc., the dietetics division of the School of Food, Hotel and Tourism Management, and the Institute for Tourism Development.

Cost to the public is \$45. Students with identification may register on a space available basis for \$25. For more information or registration by May 22, call Nancy Grace at -6058.

Gunlocke Names RIT Design Students # 1

Eight seniors in industrial and interior design have won awards in the annual Gunlocke Furniture Design Competition. The students comprised two teams that won first- and second-place honors.

Gunlocke Co., an office manufacturer based in Wayland, N.Y., asked 50 students in the program to design lounge seating. The two teams shared first place (\$500) and second place (\$350) based on their creativity and design execution.

Gunlocke Co., an office furniture manufacturer based in Wayland, N.Y., asked 50 students in the program to design lounge seating. The two teams shared first place (\$500) and second place (\$350) based on their creativity and design execution.

Seniors on the first-place team were David Honan, Seph Galli, Mark Hessenius and Christine Canning. Second-place winners were Jean Mineo, Roberta Hemeon, Michael Kane and Darryl DeWolff.

Prof. Craig McArt is chairman of industrial, interior and packaging design.



THWARTING THE ATTACK... Neil Mullane (#22 in dark jersey), RIT defenseman, attempts to stop Hobart's Tom Gravante during NCAA semifinal playoff action last Sunday at Hobart. RIT made its fifth straight trip to the post-season playoffs.

RIT Lacrosse Team Loses To Hobart in Play-Offs

A national lacrosse title was not to be as the RIT stickmen lost to Hobart College (14-4) in NCAA Division III semifinals action May 10 at Hobart. However, Coach Bill Glennon's squad enjoyed another successful season, capturing their fourth-straight Independent College Athletic Conference (ICAC) crown, and sixth in the past seven years. RIT finished with a 12-3 record.

The Tigers advanced to the NCAA playoffs for the fifth consecutive year. RIT

downed St. Lawrence (14-11) in opening-round playoff action, but fell victim to the seven-time national champions from nearby Geneva. Dan Stehn (two goals), Jim Connell and Tom Kraft accounted for RIT's goals in the Hobart loss. Hobart outshot the Tigers, 31-15. Goaltender Dave Doughty made 17 saves.

Glennon, completing his third year, was named ICAC Coach of the Year. His record at RIT is now 37-8.

Computer Certificate Program Established

Engineers, business majors and other grads or professionals without formal computing experience will be able to earn advanced certificates in applied computer studies at RIT.

The Department of Applied Computer Studies in the School of Computer Science and Technology is offering the certificate for students with bachelor's degrees in programs other than computer science, who wish to become proficient in advanced computing skills.

In order to receive the certificate, students must take seven graduate-level courses (28 credits) in computer programming, systems design and computer hardware. These courses also may establish prerequisites for application to master's degree programs in the school.

"People in a whole range of occupations—from science to engineering or business—are finding that they need advanced computing skills to be competitive in their careers," says Guy Johnson, chairman, Department of Applied Computer Studies. "We are offering the courses part time at hours convenient to full-time professionals."

The course work can be completed in one year, depending on the student's course load, says Johnson. For more information about the certificate call -2161.

TEACHING AWARDS

If a common trait exists among the finest faculty members at RIT it is a contagious passion for teaching.

Teaching methods are as diverse as the subjects taught, inspiring students, faculty and administrators. Year after year, the results of those teaching efforts shine through in the competence and professionalism of the countless young men and women whose lives are touched.

While the best and the brightest of teachers are known forever to their students, each year the Eisenhart Awards for Outstanding Teaching spotlight four faculty members for their dedication, commitment and service to students.

The 1986-87 recipients of the Eisenhart Awards are: Charles A. Arnold, Jr., College of Graphic Arts and Photography; Margaret B. D'Ambruso, College of Science; Maria Shustorovich, National Technical Institute for the Deaf; and Michael Joseph Vernarelli, College of Liberal Arts. Students, faculty, staff and former Eisenhart honorees gathered May 11 at an award ceremony, where Dr. Thomas R. Plough, provost and vice president for academic affairs, presented the awards to this year's recipients.

Charlie Arnold

When Charlie Arnold goes home to Rhode Island, he still visits his favorite high school teacher of 50 years ago. At 87, Erna Sonne lives in a nursing home not far from the Cranston High School classroom where she spent most of her life teaching art.

"She kept me alive through high school," says Arnold, noting that his love of art didn't carry over into math and grammar. "She made me feel very important, and without her encouragement I probably would have dropped out."

Arnold hasn't forgotten his former teacher or her caring, helpful way with students. In fact, he's tried to model her approach throughout his 30 years as a professor in the College of Graphic Arts and Photography's School of Photographic Arts and Sciences.

Just as he keeps in touch with Erna Sonne, Arnold says he loves to hear from his former students.

"The reinforcement I get now from students I had 30 years ago still brings tears to my eyes," he says before heading off to a day full of meetings and classes with photography students.

Arnold's soothing, cheerful disposition and his non-traditional teaching techniques have placed him among the "best" teachers at RIT. He recently was notified of his selection as one of four recipients of the 1986-87 Eisenhart Outstanding Teaching Awards.

More than the Eisenhart Award or the recognition ceremony that goes with it, Arnold says he'll always cherish the letters of support other faculty members urged students to write to the selection committee.

In all aspects of his work, Arnold challenges his students to stretch their imaginations. He looks for new and innovative ways to convey the importance of creativity in a course he calls the "Wacky, Wonderful World of Photography." He helps students construct 3-D sculptures out of 12-foot tubes or has them paint "carnival backgrounds," like the ones that show people posing to go over Niagara Falls in a barrel.

Arnold explains his off-beat tactics: "Present day freshmen are twice as conservative as when I grew up. They're coming in expecting to be fed prescribed packages of technological information. But you need to instill freedom and energy and enthusiasm beyond the skills to get them to a new creative level."

As part of the Eisenhart Committee's selection process, Jyl Baker, academics director for Student Directorate, asked RIT students to submit their view of the "ideal" teacher. Included in the comments she received were descriptors like "spirited, willing, available, demanding, fair, knowledgeable, joyous and caring."

Established in 1965, the Eisenhart Awards are permanently funded through the M. Herbert and Elsa Bausch Eisenhart Endowment Fund, given by the late M. Herbert Eisenhart, former president and board chairman of Bausch & Lomb, Inc. Eisenhart was a member of RIT's Board of Trustees for 50 years. His son, Richard, has been an RIT Trustee since 1972, including six years as chairman, and is now chairman emeritus.

The Eisenhart Award winners also were honored at a dinner, May 13, at Liberty Hill. According to Dr. V.V. Raman, chairman of the Faculty Council Seminars committee, "the dinner serves as an opportunity for the distinguished teachers to share their thoughts on teaching and discuss them with members of the Faculty Council."

In addition to creativity and inventiveness, Arnold also teaches practicality. To expose his students to the real world of photography, each year he takes a class to New York City to visit some of the finest photographers, art directors, and photo stock houses in the business.

Arnold came to RIT some 30 years ago after spending four years in the U.S. Navy during World War II and earning his BFA at the Rhode Island School of Design, where he taught the school's first credit course in photography.

During his time at RIT he helped write, and served as chairman of, the original BFA program in illustration photography, the Institute's first four-year degree in photography. He also played a key role in launching RIT's first master's degree program in photography. In between he managed to earn his MFA in graphic design from the College of Fine and Applied Arts.

Bringing his RIT career to a close, the 64-year-old Arnold plans to retire after teaching a summer introductory photography course.

Despite his warm feelings for his students and colleagues in the School of Photographic Arts and Sciences, Arnold says he's looking forward to completing special exhibits at Cumming Nature Center, part of the Rochester Museum and Science Center; continuing his artistic work in electrostatic imaging; backpacking through England with his wife, June; and spending more time with his three children and grandson.

Marge D'Ambruso

Marge D'Ambruso remembers her first lecture in 1969 very well. She was so frightened that two of her colleagues had to bodily push her into the room. However, after that lecture, a student got up and told her he was in the wrong class, but decided to stay anyway. "You weren't bad so I stayed," he said.

Even though she is retiring this year, one thing never changed in the 18 years D'Ambruso has been teaching biology in the College of Science—every year she still gets very nervous before the first lecture in the fall. "I fear getting to the middle of the lecture and not knowing what to say: luckily it has never happened," she says. "Once I get to know the students I'm fine."

Getting to know students is D'Ambruso's trademark and she has

certainly touched the lives of many of them.

To her, students are friends, and many remain in contact with her after graduation. Many come back to visit and end up at either her office or home. Others remember her at Christmas with cards. Some send her postcards or seashells. For 11 years she has received a magazine subscription to *Oceans* as a Christmas gift from one graduate who now lives in Denver. "It's all because I borrowed his *Oceans* magazine when he was a student."

Perhaps the ultimate compliment was when D'Ambruso got a Mother's Day card from two students. "I'm so touched by all the students who stay in contact. It means they still think of me and care enough to say hello," she explains. "The lasting friendships with students are probably the highlight of my teaching career."

D'Ambruso spends a lot of time with her students, but she always finds time to travel with her husband; she's been to almost every island in the Caribbean and on numerous cruises. On her visits to the Caribbean she brings back seashells, of which she has thousands.

One of her favorite activities is snorkeling, something she has been doing since 1964, as well as some scuba diving. "I love it underwater; it's such a different and beautiful world down there."

D'Ambruso did have one scary incident when snorkeling at Anegada, about 60 miles northeast of Puerto Rico. "I was in the water alone when I met a nine-foot shark. My first reaction was to panic."

Prior to coming to RIT she did polio research at Harvard Medical School, research in hypertension at Duke Medical School, pediatric research at the University of Rochester Medical School, taught at the Allendale-Columbia School, and at both Roth and Sperry high schools in Henrietta. She also took time off to raise a family for nine years.

"I have been blessed to work for a college that has allowed me the freedom to teach a variety of courses including two I designed. They have had faith and trust in me," D'Ambruso says. "Over the years I have been able to make changes in courses and labs to make them more interesting for the students."

She laughs when she says, "Years ago, if anyone had told me I was going to teach I would have told them they were crazy." There are many students who are glad she did.

Maria Shustorovich

Like many who teach at NTID, Maria Shustorovich had to learn a new language when she began working at the Institute in 1980. While this assistant professor of mathematics was learning sign language, however, she was, in many instances, also learning English.

Born and raised in Moscow, Shustorovich emigrated with her husband and son from the Soviet Union in 1977.

Shustorovich received her bachelor's and master's degrees in mathematics from Moscow State Pedagogical Institute and taught high school mathematics in Moscow for 15 years before coming to the U.S., where she had no family or friends and no knowledge of the language or culture.

She moved to Rochester in 1979 when her husband accepted a job with the Eastman Kodak Company at the Corporate Research Laboratories.

Despite a difficult initial transition to life in the United States, Shustorovich now says she has no regrets about leaving the Soviet Union.

"Most important to me," she says in her accented English, "is the freedom, which I think many Americans take for granted."

To test their freedom when they became American citizens five years ago, the Shustorovichs decided to travel to Europe.

"It was very, very important to us to be able to travel freely across Europe with our little blue passport to which no one paid much attention," she says.

The trip home also was a lesson in freedom. The first time the Shustorovichs landed at Kennedy Airport in New York, there was no one waiting for them and they were instructed to proceed through the immigration line. On the return trip from Europe, the second time they landed in

EISENHART



Margaret D'Ambruso

New York, the family passed through the gate marked "American Citizens Only."

"That was a special feeling," Shustorovich says.

She first heard about a job opening at NTID from a colleague in the Brighton school district, where she was a substitute teacher.

"I almost fainted when I heard I would have to learn another language," she says.

Now, seven years later, Shustorovich is teaching mathematics, something she thought she would never be able to do again because her English wasn't good enough, and she's good enough at that to earn one of the 1986-87 Eisenhart Awards for Outstanding Teaching.

The award seems to substantiate Shustorovich's standards for good teaching, which include knowledge, dedication and humanity.

"I like the human contact," she says, "because in this way you are not only teaching, but learning too."

DS '87

Michael Vernarelli

Michael Vernarelli admits he isn't always the most popular professor among students; he believes in essay exams and class participation.

But student evaluations at the end of the quarter tell another story about Vernarelli, an associate professor of economics in the College of Liberal Arts.

effective listener. He peppers his lectures with questions to keep his students involved. And he doesn't take himself too seriously. If he fails to get an answer from his students, he calls on himself.

"You have to loosen them up a little bit," he says. "You can't always have 100 percent participation."

Giving students essay and short answer exams not only improves students' written communication skills, it also prepares them for the world of work, Vernarelli believes.



Professor Charles Arnold uses a painted bowl of Cheerios to teach a photographic lesson in creativity.



Michael J. Vernarelli



Maria Shustorovich

"They've said, 'You forced us to learn. We didn't want to look dumb,' or 'I've learned more in your class getting a C than in other classes getting an A,'" he said.

Vernarelli's teaching philosophy developed during his undergraduate years at the University of Michigan.

"I often found the instructors to be impersonal," he said, "and the lectures were uni-directional; the teacher was the fountain of knowledge and the students were sponges soaking it all up. I don't like that."

"I really enjoy seeing young people develop. I try to be a small but significant part of their education. I believe in developing communication skills in teaching, and teaching economics can be a vehicle for teaching communication skills."

By asking more of his students, Vernarelli also finds he challenges himself as a professor. Classroom discussions often lead students to ask questions he hadn't considered. He has learned to be a more

A corporate manager likely won't ask an employee to solve a problem by choosing answer A, B, or C; he or she will ask the employee to write a memo or give an oral presentation outlining possible solutions.

Vernarelli's zest for teaching hasn't waned in his 11 years at RIT. "I have calmed down, toned down somewhat," he said, "but I still get excited."

"Ninety percent of teaching is enthusiasm," he says. "If you lose your enthusiasm you might as well hang it up. You're just coming in to get a paycheck."

Vernarelli's commitment to students extends beyond the classroom. He serves as faculty advisor to Omicron Delta Epsilon, has advised the Economics Club and was a member of the Greek Advisory Board. He also sponsored an urban lecture series in the residence halls.

Vernarelli calls the Eisenhart Teaching Award one of the highest honors he has received. "I like to teach so much—this award is very, very big for me. It's a peak experience."

Adult Students Win Honors For Excellence

A former meter reader, a single mother of two teenagers, and a Dresden resident who drives 130 miles to and from school top the list of adult students at RIT this year.

Raymond M. Bozarth of Farmington, Karen M. Kall of Fairport, and John T. McCormick of Dresden received the Rochester Area Colleges' Outstanding Adult Student Award during a ceremony April 29 at St. John Fisher College.

Seven years ago Bozarth was a meter reader at Rochester Gas and Electric Co. with a dream of returning to college to become an engineer. This May, after four years of part-time college, he'll cross the halfway mark when he graduates from the College of Continuing Education with an associate degree in engineering science and a perfect 4.0 cumulative grade point average.

Bozarth, who has already enrolled and begun classes in the College of Engineering to complete his bachelor's degree in electrical engineering, says "I realized I wasn't going to go anywhere without an education. I really wanted to be an engineer."

He also is one of RIT's more unusual cooperative education students. "My full-time job at RG&E now is as an engineering co-op," he says. "That's quite a step up from meter reader."

Kall heard the news that she'd been named an Outstanding Adult Student from her daughter, Michelle Artl, a freshman at Ohio University.

"I was in the office when my daughter called from school to congratulate me," said Kall, who has a 3.94 cumulative grade point average and will graduate from the College of Business this spring with a bachelor's degree in business administration. "I have a suspicion that they purposely wrote to Michelle first so that she could be the one to break the news."

Michelle wrote one of three letters of recommendation that were submitted on Kall's behalf. "My mom was able to balance her quantity absences with *quality* time when she was home with my brother and me," Michelle wrote. "Her decision to continue education, in spite of the fact that she would forfeit many hours at home, actually brought the three of us much closer together."

Kall, a part-time student who majored in marketing with a concentration in psychology, began her studies at RIT eight years ago. Her entrance into academic life was eased, she said, by the fact that RIT was offering courses at Palmyra-Macedon High School, "which was on my way home at the time. I took one course and then I took another, and then I got hooked."

Her progress at school was matched with her advancement at work. Within seven months of starting at Mobil, she was promoted from secretary to market research assistant. Since then, she's received two promotions and currently is a market research analyst, a position which normally requires a degree.

"People say I've changed," she said. "When you're a housewife and you stay home, you think you're doing well, but you don't get any feedback. People don't say, 'My, your house is clean,' or 'the laundry is especially bright this week.' But in school, if you do well, you get a good grade. That's the beginning of self-confidence. You start to think, 'maybe I do have some intelligence.'"

John T. McCormick, Jr., began the routine of 130-mile round trips from Dresden to RIT in September of 1982. This May, he'll graduate with a BS in mechanical engineering technology, a 3.76 cumulative grade point average, and a 1979 Volare station wagon that's logged more than 150,000 miles.

"I still have the same car as when I started," McCormick says. "I have the mileage and the five RIT student parking stickers to prove it."

"It's always been a dream of mine to get the four-year degree," says McCormick, who earned an associate degree from Alfred Tech. in 1970. "I needed the degree to continue my career, and I decided that if I didn't go back now, I might never do it."

McCormick is employed as a manufacturing engineer at Goulds Pumps, Inc., Engineered Products Division, in Seneca Falls. It was partially his decision to go back to school that landed him that position, McCormick says. "When I started my degree, I was a senior numerical control programmer. I received a promotion to lead programmer responsible for six other programmers because I had displayed initiative in going back to school." A company reorganization placed him in his current job, where he is responsible for capital investments, providing manufacturing facilities with support services, and maintaining and operating the manufacturing services' computer system.

At the outset, McCormick says, some people "couldn't understand why, at the age of 33, I would want to go back to school. They felt that nothing would be gained from it and that I was wasting my time. They were wrong."

Adjunct Faculty Teaching Awards

College of Continuing Education adjunct instructor Charles Cardillo has taught some adult students who have realized that "stagnation was not to be tolerated when human beings have the capacity to run to the edge of the world and beyond through education." That's what he wrote in his essay for the annual CCE Excellence in Teaching Award, which he and three of his colleagues received during a ceremony May 15.

Other recipients of the award were: Rosamond M. Najjar, who teaches communications courses; John F. Murphy, who teaches material science courses; and Nicholas A. Zaino, Jr., who teaches statistics and probability courses at the Center for Quality and Applied Statistics. Cardillo teaches mathematics.

Nominations for the award are made by members of the graduating class of CCE, and the award winners are chosen by a faculty committee. Other nominees this year included: Richard Feeley, Chris Felger-Huges, Patricia Kubly, George Link, Robert Maddamma, Paul Peterson, Mason E. Wescott, and Jeremy Williamson.

NAG Honors Work Of Four at NTID

Four NTID faculty and staff members have been honored with the 1987 Outstanding Service Award from the National Advisory Group of NTID.

Jean DeBuck, secretary, Division of Public Affairs; Charles Johnstone, media services coordinator, Department of Instructional Television and Media Services; Nick Orlando, speech and language professor, Division of Communication; and James Wilson, systems development and operations coordinator in Data Processing Operations, have been selected by their peers to receive the award.

The Outstanding Service Award honors NTID faculty and staff members who have made consistent and exceptional contributions to the goals of NTID and to the quality of life for students and colleagues.

NTID's National Advisory Group consists of professionals concerned with the postsecondary education, technical training, and general educational needs of deaf people. The group advises the director of NTID in the operation of the Institute.

Campaign Creating Warmer Campus For Students

The # PrioRITy campaign is making headway with its goal to create a more friendly and caring environment for students.

The Finance and Administration Division developed the formalized plan for excellence in response to President Rose's challenge to instill student pride at RIT. The goal of the campaign is to enhance the division's quality of service by increased attention to friendliness and helpfulness.

"I think the campaign is definitely important," says Diann Feeley, Center for Quality and Applied Statistics. "Our first priority is to the students. They are away from home and they need to have a sense of belonging."

Benjamin Hill, a second-year computer technology major, has noticed more interaction between staff and students as a result of the campaign.

"It's more personal now, instead of just talking to a face," said Hill, crediting the blue and gold name tags, which the 500 division employees wear. The name tags also bear the campaign slogan, "You're Our #1 PrioRITy."

Larry Masle, a fourth-year biomedical engineering student also believes the campaign has been effective.

"I think the name tags are great," said Masle, who is chairman of Student Directorate. "It gives you more personal contact with the staff."

"I think the #1 PrioRITy campaign is a good effort. We really need something like this on a campus this size. It's nice to see a friendly smile or to have someone there to help out."

Student awareness of the campaign is increasing, and the Personnel Office, which developed the campaign, plans more promotional activities and training programs. goals among students, including more promotional activities and training programs.

"I'm pleased with the progress of the campaign," said Geri Curwin, Personnel's senior employee relations administrator, who is responsible for the campaign. "I'm delighted to see the comments we're getting on the 'We Want to Know' and 'Thanks A Lot' cards."

"I'm excited about the feedback we've received complimenting many of the staff in the Finance and Administration Division for service excellence," she said. "I look forward to working with the peer review committee in planning the Spring Quarter Breakfast of Champions."

Nystrom Steps Down; Named Industry V.P.

Dr. Dennis Nystrom will step down as dean of the College of Applied Science and Technology, effective Aug. 30, to assume the position of senior vice president of technology and production development at J.A.M Inc., Rochester

Dr. Thomas Plough, provost and vice president for Academic Affairs has named Wiley McKinzie, acting dean, effective Sept. 1. McKinzie is currently the director of the School of Computer Science and Technology.

Stanley McKenzie has been named acting dean of the College of Liberal Arts. He is a faculty member in liberal arts and serves as assistant to the vice president for judicial affairs, in the Division of Student Affairs. Former Liberal Arts Dean Mary Sullivan will serve as provost for the summer, while Dr. Plough is on leave. She will return to full-time teaching after a year's professional development leave commencing in September 1987.

A national search will continue this fall to fill both dean positions.



Gregory Heisler, William A. Reedy lecturer, discussing photography with students and faculty in the College of Graphic Arts and Photography.

Reedy Lecturer Tells Photo Students to Shoot

Gregory Heisler, 33 year-old internationally acclaimed master photographer, gave a warm, witty William A. Reedy Memorial Lecture, April 9, in Ingle Auditorium.

Arriving late and fashionably dressed in a red tuxedo jacket and cowboy hat, Heisler recalled his photography projects and experiences throughout the world in a "Day in the Life," and gave practical tips to students on careers in professional photography.

"A number of great photographers return from projects all over the world with great stories, but no pictures," Heisler said. "If you're a writer, write about it; if you're a photographer, shoot it."

Heisler discussed the community of professional photographers. "Some of the older master photographers seem like isolated, ionic columns placed all over New York, with little sense of community," he said. "However, today's younger generation of photographers have a stronger connection to each other and are less concerned with distinctions between commercial work and photojournalism."

Heisler, a New York-based corporate and editorial photographer, has been

profiled in *Esquire*, *Photo*, *Zoom*, and *Life* magazines, among others.

"As you get older, you grow less entrenched in your convictions," he said. "The photojournalist may try his hand at advertising photography, while the advertising photographer may become interested in shooting pictures for himself. People are simply interested in taking good pictures."

Heisler advised photo students to "experiment by shooting a lot of pictures, make more mistakes than you ever could imagine, and create different shots than you originally conceived in order to stretch your skills."

He discussed preconceptions about careers in photography. "If you are told that you must specialize in your work, you must realize that this is just one opinion," he said. "It is also an opinion if you are told that art photography is not valid."

The Reedy Lecture Series, sponsored by the Eastman Kodak Company in conjunction with RIT's School of Photographic Arts and Sciences, commemorates the outstanding photographic work of Bill Reedy, former editor of the Kodak periodical, *Applied Photography*.

RIT Engineer Named Top Student In Atlanta Dual-Degree Program



Fourth-year mechanical engineering student Joseph Robichaux, meets with (left to right) Dr. Bhalchandra V. Karlekar, head of the Department of Mechanical Engineering; Dr. Paul Bernstein, dean of Graduate Studies; and Dr. Richard Kenyon, dean of the College of Engineering.

Hard work and time management have helped an RIT mechanical engineering student win the three highest honors in the Atlanta University Center Dual-Degree Engineering Program awards.

Joseph Robichaux, a fourth-year student from Chicago, Ill., was named the most outstanding AUC dual-degree engineering student at an April 23 banquet, based on grade point average and other activities. For his accomplishment, he received an AT&T computer.

Initiated in 1984, the dual-degree program links RIT with the AUC, which is comprised of four historically black colleges: Clark College, Morehouse College, Morris Brown College, and Spelman College. The program provides increased tech-

nical and professional career opportunities for minorities in engineering and computer science. Students complete three-fourths of their undergraduate program in Atlanta and two academic years at RIT. After completing the five-year program, students receive two bachelor's degrees.

AUC has similar agreements with Georgia Institute of Technology and Boston University. Those students also compete in the dual-degree award program.

Robichaux also was judged the most outstanding mechanical engineering student and most outstanding fourth-year, dual-degree engineering student.

Robichaux is a member of RIT's National Society of Black Engineers.

Woodworkers Receive Awards

Three woodworkers in the School for American Craftsmen have received awards in the Hardwood House Design Competition.

Hardwood House is a Rochester-based company that manufactures wood desks and credenzas as well as seating products for the contract furniture market. This is the first year the company sponsored the chair design competition in which seven students in the school participated.

Kerwin Timko, a senior in woodworking and furniture design, received the \$300 first-place award for his laminated white oak chair. Matt Frechette, a third-year student, earned a \$200 second-place prize for his upholstered chair trimmed in red oak, and Sam Bixler, sophomore, won \$100 for this third-place entry, a wenge side chair. Awards were based on design and workmanship.

"This is the first time we have tied into industry with a production design problem," says Bill Keyser, chairman, School for American Craftsmen. "The students had to temper their designs with practical industry considerations coordinated with the Hardwood House line."

"We wanted to give the students a chance to work with industry on a real project," says James Meier, vice president, Hardwood House. "We hope this association will inspire RIT's craftsmen to consider Hardwood House for future employment."

Woodworkers in the competition were asked to design and build wood-framed guest chairs that could be mass-produced by Hardwood House, as a class project during the Winter Quarter.

Xerox Exec Named Dean...

continued from page 1

aspects at RIT," McIrvine says of his new position.

During his time at Xerox, McIrvine worked in various capacities in Rochester and Stamford, Conn. His early accomplishments included sponsorship of raster-scan (bit-map) printing as the correct long-term technology for electronic non-impact printers. McIrvine served as manager of R&D Planning for the Corporate Research Group from 1982 to 1986, a position in which he developed improved techniques for incorporating customer requirements into research projects plans, and conducted a benchmark study of North American and Japanese industrial laboratories. His current responsibilities as manager of technology planning include strategy, planning, technology benchmarking and assessments.



RIDING HIGH...Buelha, an 18-year-old Asian elephant, takes some passengers on a walk down the Quarter Mile during RIT's annual Spring Weekend celebration. Although she was pleased to give rides, Buelha put her foot down when it came to a tug-of-war planned Friday evening, May 8. Other Spring Weekend events included concerts, earth ball contests, rappelling, psychic readings and an art show.

Perspectives: Volunteerism

"Perspectives" is an occasional column presenting the views of RIT's administrative leadership. The following was submitted by President Rose and is adapted from a column written for *Torch and Trefoil*, the national publication of Alpha Phi Omega, and assisted in triggering a *Time* magazine story on volunteerism.

College students are the recipients of excellent learning opportunities. Faculty, who devote their lives to the teaching and learning process, take the best from our heritage combining that with the most current advances in the sciences and technologies, and pass it along to future generations — thus providing the continuity of our civilization.

A quality education encompasses much, much more than simply learning academic subjects. One valuable additional lesson is in learning how to serve others.

This uniquely American tradition has been at the root of the quality of life we enjoy: a concern for others, a willingness to help. We don't really think of it as unusual — it is part of our culture. It is basic to the American character and too often we take it for granted.

In our educational process the concept of volunteerism needs to be emphasized beyond the theory. It is said that one simple, single living action counts for more than the most noble sentiment. I believe this. Students need to be encouraged to participate, indeed shown, through service projects — projects that help others with no

thought of recognition or reward — how to experience the satisfaction derived from knowing they have made a difference. As they develop professional skills in the classroom and laboratory, notions of professional behavior evolve. The opportunity to participate as a volunteer in a meaningful fashion rounds out the professional behavior model in a critical learning sequence. Learning to serve uses the newly acquired skills and the energy and enthusiasm that abound in America's great young people.

Volunteerism is a powerful force. We know that knowledge without commitment may become cynical cleverness, usually self-serving. Commitment without knowledge is all too often just ineffective sentimentality. In like manner, passionate convictions are no substitute for reasoned analysis.

It is commitment with knowledge, the product of reasoned analysis, that causes constructive change. Most students leaving our nation's colleges and universities have professional skills. They are capable of constructive change. Colleges and universities will not change the human condition — their graduates will, if they choose.

There is no analog to American volunteerism any place in the world. We are the only nation so typified; our society and its institutions have been shaped by it. It has determined the real quality of American life.

College and university graduates will, by and large, experience higher earnings and hold leadership roles in our society. They need to learn how to give as volunteers, be it time or money or both. Each privilege is attended by a responsibility and our students must be both taught and shown this central truth. We have a national institution, Alpha Phi Omega, the largest and oldest service fraternity in the United States, devoted to this American tradition.

On this campus, Alpha Phi Omega is composed of leaders who not only quietly paint a public swimming pool or host parties for less fortunate children, but also set a tone for others to follow. Every fraternity and society at RIT has a service project each year — a major one. They raise thousands of dollars for worthwhile endeavors ranging from the American Kidney Foundation to support for children

at Strong Memorial Hospital. And quite beyond the cash they contribute is the quality manpower. I am very proud of these students. It is a privilege to be a part of their learning experience and professional growth.

God blesses many of us quite beyond our merit with financial success. It is a Biblical truth and a fact that when we die we will take nothing of our material goods with us. We can experience great satisfaction for our hard work and good fortune by giving to help others. As in Silas Marner, we can "count our gold" in the improved lives of others and unlike Silas see it grow and multiply in the lives we touch and help... without knowledge... without recognition... this is our gold.

Volunteerism is an American tradition. We need to work to preserve it, both for those it will help and for ourselves.

CCE Grads Honored At 61st Convocation

When Dr. Donald Baker, dean of the College of Continuing Education, told graduates at the 61st Annual Management and Communication Convocation that "people now average more than five careers in a lifetime," guest speaker Edward P. Curtis, Jr., president of the Rochester/Monroe County Convention and Visitors Bureau, Inc., began to scribble notes on the back of his speech.

Moments later he told the audience that, true to the average, he has had five employers in his lifetime: "the CIA, Eastman Kodak Company, RIT, myself and now the Convention and Visitors Bureau. But I've had 11 careers," he added, "counter-espionage, time study, wage survey, industrial relations, equal opportunity employment, urban affairs, academic administration, hired gun, acid ranger, international trade specialist, and now tourism promoter."

One hundred thirty-four candidates for certificates and diplomas in management, small business management, and basic and advanced technical communications were honored at the convocation, held May 7 at the Marriott Hotel-Airport.

The trend toward multiple careers in a lifetime makes the certificate and diploma programs offered by CCE more attractive than ever, said Baker, calling them "short-term programs focused to meet the challenge of our age."

Curtis, recently returned from a vacation in Europe, concurred, saying that those in the education business have the toughest economic challenge of all, "because you're the ones who are supposed to keep us ahead of the game. How long will it be before the technical communication curriculum includes writing all these manuals in Japanese? Or before the small business curriculum concentrates on export opportunities?"

Thoughtful Europeans, Curtis said, see the free world economies at a crossroads. "One road lies in the direction of greater integration of our economies, perhaps of European political systems, greater cooperative efforts among the economies of the U.S. and Japan towards freer trade and a lessening of non-tariff barriers. The

other road leads to backsliding and a breakdown in the economies, especially as we try to integrate newer members; protection and retaliation against the U.S. and Japan, and a possible return to the 1930s."

Those who work for large industries know the effects of the changing world economy, Curtis said, because they've already modified management styles, product and research to deal with the issues. "If you're with one of the younger, newer, faster growing companies in town, you'll learn, if you haven't already, how to handle a hotly competitive environment and the need for lifelong extension of the kind of continuing education you've benefited from at RIT."

President Says Thanks For United Way Efforts

Dear Colleagues:

Once again the RIT community has come through with a tremendous outpouring of support for the United Way campaign. We have exceeded our goal of \$91,000 by a substantial margin — a tribute to all of you who generously contributed to this worthwhile cause, along with the many dedicated volunteers who helped to coordinate this year's campaign. It is especially nice to note the participation of retirees from the Institute who have chosen to make their annual United Way contribution through RIT. The spirit of our campus United Way campaign is an important indicator of the spirit and vitality of the community of RIT.

It is indeed a privilege to be associated with this community, and on behalf of the campus steering committee, I thank you. You have done more than you imagine.

Sincerely,

M. Richard Rose
President



OUTSTANDING WORK... The Kearsse Student Honor Award was presented May 4 to undergraduates who produced the most outstanding research papers or projects in areas of study in the College of Liberal Arts. Speaking with the Kearsse Distinguished lecturer, Dr. Joel Silbey, Cornell's President White Professor of History, are four of the 14 recipients. Left to right are: Bruce Bennett, College of Graphic Arts and Photography; Kurtis Fletcher, College of Science; Kristy Correnti, College of Business; and Donald Thomson, College of Liberal Arts. Also joining the group are Dr. Mary Sullivan, dean of the College of Liberal Arts (far right), and Jean Marie Kearsse (third from left), daughter of Henry J. and Mary Geirin Kearsse, who endowed the award. Kearsse's firm had been selected as the site developer and paving contractor of the Henrietta campus when it was built in the 1960s.

Packaging Students Sweep Prizes

Two teams of students in packaging design in the School of Art and Design have received first- and second-place awards in the first annual Kraft, Inc./PDC Student "Real World" Package Design Competition.

Students from RIT, the Rhode Island School of Design, and Philadelphia College of Art were asked to design a package for six new ice cream bars. Awards were based on structure, graphic design, production

capabilities, cost and meeting marketing objectives.

The team of juniors winning \$250 each for first place included Susan Nathan, Tom Turkington, Jeff Pirro and Bridget Fitzpatrick. Those receiving \$175 each for second place were Virginia Goad, Geoffrey Trott and John Pavol.

The department received a \$1,500 matching gift in conjunction with the student awards.



RIT WOMEN'S CLUB... Past presidents of RIT Women's Club gathered at the Club's 50th anniversary celebration luncheon, May 2. Left to right are: Nancy Hollingsworth, Jean Ingham, Gladys Greenfield, Marcia Ellingson (club founder), Norma Snyder, Alice Lipsett, Jeanne Hoerner, and Arline Titus.

NEWSMAKERS

• **Wendy Hardy**, a fourth-year retail management student in the College of Business, has been accepted to participate in the "Up With People" program, a dynamic, contemporary two-hour production featuring a talented international cast and band. Hardy, who is active in the Office of Minority Student Affairs/HEOP, is raising a portion of her \$7,300 program fee through local sponsorship and fund-raising activities. Anyone interested in supporting Hardy's effort is asked to contact her at 427-0187.

• **Betty Glasenapp**, program director for the College of Continuing Education's Training and Professional Development Division, was honored by the National University Continuing Education Association (NUCEA) at its national conference in Kansas City. She was recognized for years of contributions to the editorial board of the NUCEA journal, *The Continuum*. She also was awarded a certificate for her distinguished service to the NUCEA board of directors, having served from 1983-85.

• **Dr. Vladimir Vukanovic**, distinguished professor of physical sciences, and Dr. Gerald Takacs, head of the Department of Chemistry, have been awarded \$88,000 from the IBM Corporation for a third-year continuation of an IBM-SUR grant on the plasma etching of organic materials.

• **Dr. Terence Morrill**, professor, Department of Chemistry, is the editor of a new book about lanthanide shift reagents.

• **Michael E. Taylor**, associate professor in glass, School for American Craftsmen, recently delivered a presentation, "Aesthetics and Visual Resources," and led a panel discussion of the topic "The Future of Education in the Glass Arts" at the 18th Annual Glass Art Society Conference in Philadelphia, Pa. The Glass Art Society is an international, non-profit organization of collectors, curators, historians and artists.

Taylor recently had a one-person sculptural glass exhibition, "The Vessel as Metaphor," at the Saturn-Zimmerman Gallery of Art in Nashville, Tenn., and exhibited at the "Americans in Glass" show at Heller Gallery in New York City. His work is also featured through early May at the 15th Annual National/International Glass Invitational exhibition at Habatat Galleries, Lathrup Village, Mich.

Taylor, William Keyser, professor and chairman, School for American Craftsmen, and Doug Sigler, associate professor in woodworking and furniture design, were participating artists in a New York State Crafts Alliance

Exhibition at the Wilson Gallery of Le Moyne College in Syracuse. The exhibit, "Selections: New York," featured 25 works by 25 artists in various media.

• **Steve Loar**, assistant professor of foundations, School of Art and Design, was elected recently to the board of directors of the Rochester Woodworking Society for a three-year term.

One of Loar's wood bowls was selected for the Yahki Exhibition at Galleria Mesa in Mesa, Ariz., and he also was invited to exhibit as one of 52 wood turners for the Craft Alliance's "Works off the Lathe: Old and New Faces" show in St. Louis, Mo., July 5 through Aug. 8.

A photograph of one of Loar's wood bowls was included in *Design Book 4*, published by *Fine Woodworking* magazine.

• **Toby Thompson**, professor, industrial and interior design, recently discussed the development of his career as part of the visiting artists program at SUNY at Fredonia.

• **John Cox**, chairperson, Applied Art Department, NTID, gave a presentation entitled, "Communicating with a Deaf Employee," to a meeting of the Production Club of Greater Washington, D.C., in April. The presentation consisted of general information about the hearing-impaired population, their employment history, and programs currently in existence to prepare young hearing-impaired people to enter the production art career field.



An anagama-fired stoneware jar by Kris Nelson, visiting assistant professor in the School for American Craftsmen.

Potters to Travel, Try Ancient Japanese Kiln

A visiting faculty member and three students in the College of Fine and Applied Arts will rekindle the flame of 16th century Japanese art as they launch a cultural exchange in Niigata, Japan, this summer.

Kris Nelson, visiting assistant professor in the School for American Craftsmen, will serve as resident artist at the Niigata Anagama Project in Japan. Three fine arts students will join him in the cultural exchange: Pamela Nelson, graduate student, master of science in teaching; and Robert Watts and Polly Barker, seniors in ceramics and ceramic sculpture. They will participate in the project under the direction of Katsuyuki Sakazume, master potter and kiln builder.

"We are the first artists to initiate this cultural exchange program that brings western artists to Japan to use their traditional technology in conjunction with contemporary western approaches to ceramics," says Nelson. "Within the next two years, we will complete the exchange in upstate New York by building a 50-foot, wood-fired, hill-climbing anagama kiln like the one used in Niigata and inviting Japanese potters to use it."

The RIT contingent will use the kiln, originally from the 16th century Momoyama period, to produce a natural ash glaze on pottery. They also will make their pottery from natural clay excavated from the nearby hills, approximately 100 miles northwest of Tokyo.

• **Kevin Foley**, chairman, Civil Engineering Technology Department, College of Applied Science and Technology, and Robert A. Moore, associate professor, Electromechanical Technology Department, NTID, were elected to the Executive Committee of the New York State Engineering Technology Association. The election was held during the NYSETA semi-annual conference at Mohawk Valley Community College in Troy, N.Y., April 2 and 3. Both faculty members will serve two-year terms as members-at-large of this statewide association of two- and four-year technical colleges.

• **Leslie Scoville**, director, Campus Safety, has been appointed to the board of directors of the Pittsford Youth Board. She also has been named New York State representative for the International Association of Campus Law Enforcement Administrators.

• **Dr. Constantino Dumangane, Sr.**, Liberal Arts, has completed his doctorate in higher education at SUNY at Buffalo.

• **Robert E. McGrath**, professor, civil engineering technology, discussed "Reinforced Concrete Masonry" at a recent lunch meeting for the American Society of Civil Engineers, Rochester section.

• **Robert Menchel**, Career Opportunities Advisor and assistant professor, NTID, recently presented an invited paper on "The Transition from Education to the Working World," and was on a panel, "Deaf Adults Speak Out," at the Third Annual New Jersey Conference on Education of the Hearing Impaired sponsored by the New Jersey Department of Education in Trenton on April 5.

• **Dan C. Davis**, adjunct faculty, College of Continuing Education, has published an article, "Graphic Descriptions," in the February 1987 issue of *MacUser Magazine*. The article describes the use of McDraft and PageMaker, two programs for the Macintosh computer system, in producing professional illustrations.

DID YOU KNOW?

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

Did you know that the student newspaper for the Rochester Athenaeum was called *The Breeze*? In one newspaper article a reporter wrote about the library: "The standard dictionary showed much use and some abuse, and...the students are rather proud of its ragged appearance as proof of their inquiring minds."

Honors Work On Exhibit

Honors artwork by undergraduates in the College of Fine and Applied Arts will be exhibited, May 23 to Sept. 3, at the Bevier Gallery.

Approximately 300 pieces of selected work, such as painting, jewelry, furniture, packaging design and other projects, will represent the outstanding artwork from students in the School for American Craftsmen and the School of Art and Design.

"The college honors show allows parents, potential students and the public a chance to see the best undergraduate artwork at RIT," says Eric Bellman, exhibit coordinator.

A special area featuring freshman foundation work in drawing and two- and three-dimensional design also will be offered.

The Bevier Gallery, located in the James Booth Memorial Building, will be open weekdays from 9 a.m. to 4:30 p.m. throughout the summer.

Weekend Events Set for Next Year

Mark your calendar for important weekend dates for the 1987-88 academic year.

Parents Weekend-Oct. 23-25; contact: Elaine Spaul, -5564

75th Anniversary of The Alumni Association-Nov. 13-14; contact: Frank Cicha, -2601.

Winter Weekend-Feb. 5-7, 1988; contact: Dorothy Brown, -6171

Homecoming-April 15-16, 1988; contact: Frank Cicha, -2601.

Spring Weekend-May 6-8, 1988; contact: Dorothy Brown, -6171

According to Helene Manglaris, director, Student Activities/Union Services, the entire campus is encouraged to participate in events by calling the contact person and suggesting events/activities that reflect the theme of the weekend and noting these dates for further planning.

CALENDAR

May 23-Commencement Day - Good Luck RIT Grads!

May 26-Spring/Summer Break Begins

June 3-Open Registration, Summer Quarter

June 6-Summer Quarter day and evening classes begin

Through summer—Student Honors Show, School of Photographic Arts and Sciences, 2 p.m., SPAS gallery, 3rd floor, Frank E. Gannett Memorial Building. The show will include a special reception for students and parents following graduation from 1 to 3 p.m., May 23. The show will continue through the summer, Monday through Thursday, 9 a.m. to 8 p.m.; Friday and Saturday 9 a.m. to 5 p.m.

Summer Registration Dates Schedule

Last Days of Walk-In Registration Available to ALL Students May 26-28	Submit registration form to Registrar's Office, Tuesday-Thursday, 9 a.m.-7:30 p.m. (Payment must accompany registration form.)
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Open Registration Friday, May 29	Gymnasium 1-7 p.m.
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Fall Registration	Register in June and July to avoid long lines in September.
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June 8 to July 17	Mail-In Registration
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June 8 to August 28	Walk-In Registration
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NEWS & EVENTS

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