

N·E·W·S & E·V·E·N·T·S

RIT Dedicates Munsell Color Science Laboratory

Dedication of the Munsell Color Science Laboratory at RIT last Friday served as the closing ceremony of *Frontiers in Color Science*, a two-day symposium, and as the culmination of more than two years of planning in bring an internationally known color science center to the Institute.

Nearly 200 scientists and industry researchers from throughout the United States and around the world attended the symposium organized by Dr. Franc Grum, RIT's Richard S. Hunter Professor of Color Science, Appearance and Technology.

"This is a very significant event for the Institute, because color touches so many areas," said Dr. M. Richard Rose, RIT president, who cut the ribbon formally opening the Munsell Color Science Laboratory at RIT.

Rose pointed out that printing, photography, graphic design, the School for American Craftsmen, physics, food management and computer science will benefit from having the color science laboratory at RIT. "This becomes an institutional resource enabling all those areas to explore color and all its ramifications. No other place in the free world can match the talent and equipment RIT has to understand, measure and use color."

Dorothy Nickerson, who has worked with color since 1920 and who served as president of the Munsell Color Science Foundation, Inc., for a number of years,



Participants in *Frontiers in Color Science* took advantage of the opportunity to inspect the facilities and equipment in the Munsell Color Science Laboratory at RIT following formal dedication of the laboratory on Friday.

said, "I'm just as pleased as I can be to see this laboratory and the opportunities it presents to educate the next generation in color science. This is a great day for the foundation in seeing its work carried on."

The Munsell Color Science Foundation board of directors voted last year to dissolve the foundation and to transfer the organization's assets to RIT for the creation and maintenance of the laboratory. The formal transfer of assets took place in November.

The previous year Mr. and Mrs. Richard S. Hunter endowed the Richard S. Hunter Professorship in Color Science, Appearance and Technology. According to Dr. Russell C. Kraus, director of the School of Photographic Arts and Sciences, "The Hunter chair gives the school a unique opportunity to establish itself as a world leader in the area of color, and in particular, color imaging."

"Having this laboratory at RIT is just tremendous," said Warren (Dusty) Rhodes, former head of graphic arts research at RIT who is now with Xerox Corp. in California.

Rhodes said at the reception following the dedication, "This is the first time in many years that a non-public event has drawn a crowd of this caliber."

CAST Doubles Computing Power With New System

In a move that continues RIT's thrust as a leader in computer technology development, the College of Applied Science and Technology has announced an agreement with MASSCOMP, a Massachusetts computer company, for the purchase of systems that essentially will double the computing power available to students in the School of Computer Science and Technology.

Included in the purchase are five MASSCOMP MC-500 micro computers with up to 16 terminals for each machine in addition to various and appropriate peripherals.

The MASSCOMP central processing unit features dual 32-bit processors and is said to be the most powerful single-chip processor in the marketplace today.

"The MASSCOMP MC-500 merges with our current UNIX operating system, Ada and other higher order language environments and the ETHERNET network," said Dr. Dennis Nystrom, dean of the College of Applied Science and Technology. "This launches us right to the forefront in terms of real research and development activity related to computer science. In addition, the use of micro computers along with the super minis we now have, represents distributed processing at its finest and most advanced state."

"MASSCOMP recognized RIT's School of Computer Science as one of the premiere programs in the country, and most important, the premiere computer program in terms of the UNIX operating system. An example of that is that we now have 30 of the most talented UNIX faculty in the land here at RIT.

"We're going to be doing some of the software development that no one else has done linking these systems together. This will mean that our students will have the opportunity to work with absolute state-of-the-art computer hardware and software systems. The skills they learn as a result of that will command a premium in terms of

Financial Plans Accompany Tuition Increases

Educational costs will increase by \$870 for full-time undergraduate resident students at RIT beginning Fall 1984. Tuition, room board and fees will be \$9,711, reflecting a 9.8 percent overall increase.

The announcement is accompanied by new prepayment and loan programs that offer students alternative financing of educational costs.

"The increases are vital to RIT maintaining quality academic programs in our high technology and other professional program areas," said H. Donald Scott, vice president for Finance and Administration. "We are committed to a pursuit of excellence in programs such as microelectronic engineering, biotechnology, computer science, graphic design, information systems, photo science and applied statistics. There are required expenditures for the latest technology and the ability to attract and maintain quality faculty."

Scott pointed out that in spite of costs associated with high technology and professional programs, RIT's costs are moderate when compared to private colleges in the Northeast. RIT also will remain approximately \$2,100 below the average for similar comprehensive institutions such as Cornell, Syracuse, Clarkson, Rensselaer Polytechnic Institute (RPI), Carnegie-Mellon and the University of Rochester that offer one or more degree programs in high technology areas.

Of the \$870 increase in educational costs, \$111 is applied to room, \$48 to board, \$696 to tuition and \$15 to fees. Full-time graduate tuition will increase from \$5,895 to \$6,633. The part-time graduate per credit hour costs will increase from \$167 to \$188 and the part-time graduate costs from \$157 to \$177 per credit hour.

Recognizing the increasing needs of RIT students and their families for a variety of aid programs to assist them in meeting educational costs, the Institute has increased financial aid significantly and has developed a 12-month interest free payment plan and a Supplemental Loan Program.

"The 12-Month Payment Plan represents an important financing alternative because we are convinced it will appeal to all income groups," Scott said. "It combines a prepayment phase before the Fall Quarter with deferred payments extending into the Spring Quarter, enabling families to spread their annual payments to RIT over a 12-month period."

Participating families would make their first payment by June 1st preceding the academic year in which it would be utilized.

Scott anticipates that this plan will be available to all full-time matriculated undergraduate students in the fall of 1984 and will be expanded to other groups of students as the system's development is completed. The 12-month plan is anticipated to be a no interest plan.

"We are confident the 12-month payment plan will be an important tool in attracting and retaining students," Scott adds. "Similar plans are in place at schools with whom RIT competes."

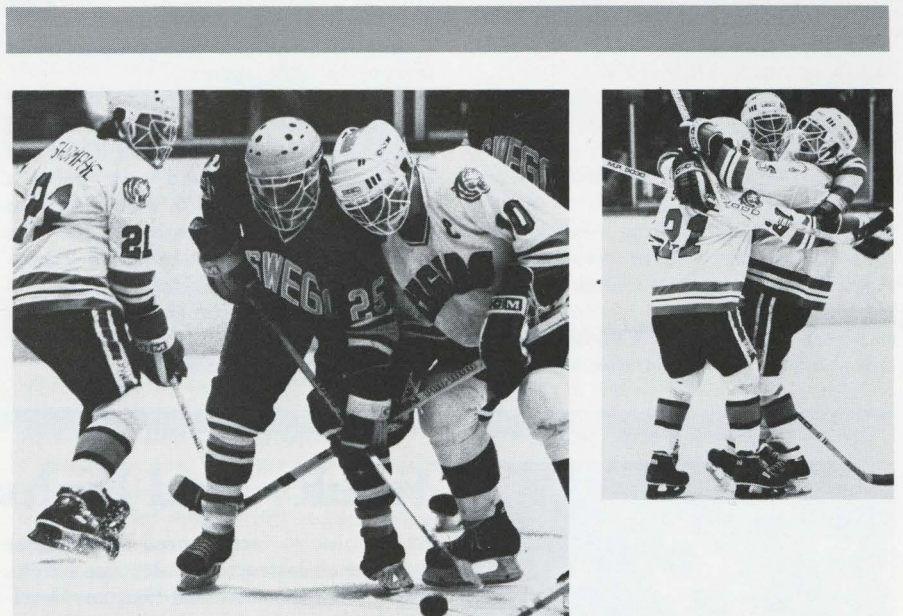
A Supplemental Loan Program administered through Lincoln First Bank also will be available. This program is designed to provide loans to families beyond amounts they would receive or they are eligible for through existing federally subsidized programs.

In the supplemental loan program, payments on principal and accrued interest begin six months after the student graduates or leaves RIT. Families may borrow up to \$5,000 per year for full-time study with both the student and the parent signing the note. It is anticipated that the repayment term will be seven years with several repayment options.

"The financing options developed are in keeping with RIT's goal of maintaining or enhancing the Institute's affordability to families and will help in maintaining RIT's competitive position in the market place," Scott concluded.

Literature and other materials about these new financing programs are being developed.

Students and parents will receive information on these programs during the Spring Quarter in sufficient time for consideration for the 1984-85 academic year.



LOOK AT US!... The Tigers defeated the Lakers, 6-1, last Friday to win the NYCHA crown and finish the regular season with a 23-5 overall record. At left, Chuck Samar (#10 in white) and Kevin Fregin of Oswego battle for puck and at right, Larry Shomphe, Samar and John Hawkins celebrate Samar's third period goal that gave the Tigers a 5-1 lead before a sellout crowd of 2,100 at Frank Ritter Memorial Arena. It's the Tigers second straight New York College Hockey Association title.

See story on Page 4.



SESQUICENTENNIAL ROSE... Marie Nguyen, left, a third-year student in the applied art program at NTID, designed the poster for Women's Week of the Rochester Sesquicentennial. Admiring her work are Nan Johnson, co-chair of the Women's Week Committee, and Michael Krembel, associate professor in the applied art program. Nguyen was honored at a January ceremony at City Hall where Rochester Mayor Thomas Ryan presented her with a framed copy of the poster. Signed copies are available from Women's Week Committee members.

College of Business Faculty Attend Grantsmanship Seminar

College of Business participants were the first group on campus to benefit from a two-session grantsmanship seminar.

Organized by Dr. Ed Stockham of Faculty and Program Development and Bill Beatty from the College of Business, the seminar included presentations by Dr. Karen Paul, assistant professor in the Department of Management; Karen Caviglia, reference librarian (associate professor) at Wallace Memorial Library; Debbie Stendardi, director of Government and Community Affairs; and Alina Palis, RIT staff accountant.

Presentation topics included idea generation, selecting a granting agency, proposal writing, conducting research or project proposal reports and even what to do if your proposal is declined.

Bill Beatty and Karen Caviglia discussed RIT resources such as identification and selection of potential funding with Caviglia describing the library's database search process, useful for identifying corporate, philanthropic and government grants. She also provided participants with a bibliography of directory and grant literature available in Wallace Memorial Library.

Debbie Stendardi explained the proposal development assistance available through RIT's Government Relations, the Institute

approval process that is required before grant proposals are submitted to outside funding sources and grant administration. She also reviewed the Government Relations' monthly newsletter, which lists current grant programs and funding opportunities.

Alina Palis described the intricacies of the grant proposal budget process and procedures for both pre-award and post-award budgets.

Joann Middleton, director of graduate and co-op development in the College of Business, remarked, "For me, the most valuable part of the seminar was the information on what resources are available right here at RIT and how to get at them."

Dr. Tom Comte, associate dean of the college, said, "The College of Business emphasis on the dimension of applied research is supported by increasing our opportunities to obtain grants from public and private sources. The seminar was an effective means of helping our faculty realize what additional resources there are to support their research."

PROFILE

He's Center Stage... In Class

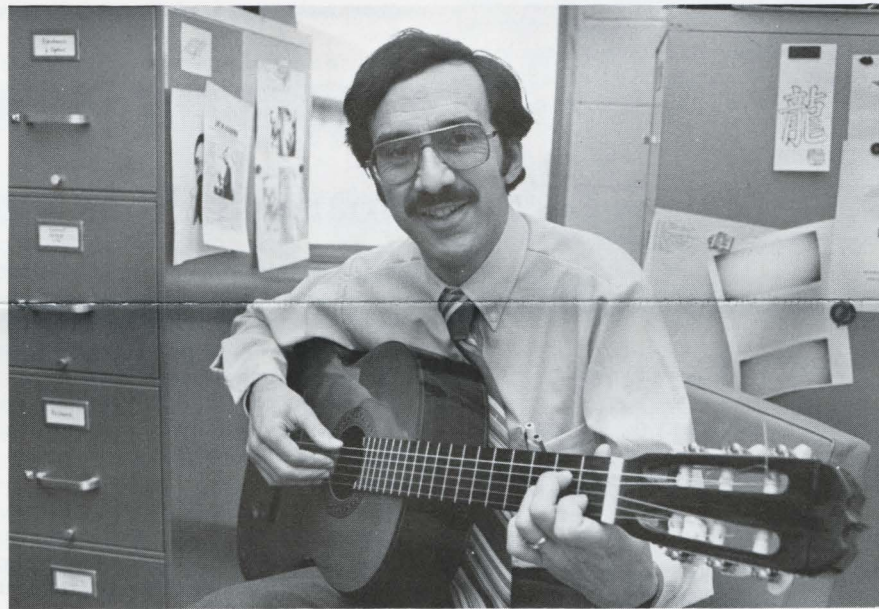
He's been spun around and he's fallen on his face during class, but that's no problem for Dr. Ronald Jodoin. It's all part of his philosophy of teaching—making class fun for his students—and that sometimes includes participating in his physics class demonstrations.

"I believe students learn more and retain information better having some fun in class and taking part in demonstrations as opposed to just listening to a lecture and taking notes," explains Jodoin, associate professor of physics in the College of Science. "I use a lot of demonstrations and do what appear to be silly things in my classes to get my point across."

In order for his students to have fun, Jodoin must enjoy himself and have fun too, and that's no problem either. "I like to be an actor in class. I guess you could say I'm a ham," he says with a smile. "Performing in front of students is my way of teaching, and it works, as long as I'm technically correct when I present the course material."

Some of Jodoin's demonstrations result in a great deal of laughter.

One of his favorites is a center of gravity experiment in which he asks a male and female volunteer to get on their hands and knees, bend forward, and try to knock a block of wood over with their nose. On occasion Jodoin participates and the class really laughs when he attempts the experiment and falls flat on his face. The demonstration shows that women can knock over the wood, and not the men, because of their different center of gravity.



In his introduction to physics class, Jodoin does an experiment on rotational motion in which he stands on a platform and the students have the "honor" of spinning him around.

The experiment demonstrates conservation on angular momentum. "It's like when figure skaters pull in their arms...they speed up."

In addition to the satisfaction he gets from teaching, Jodoin likes playing his guitar...mostly folk music. "It's totally different from the world of physics," he says. He's also learning how to play the banjo.

Reading science fiction books is another outlet for Jodoin's free time. However, he says, "I find many of today's authors writing books that are too weird...too far away from science for my taste. It is easier to believe the premises of authors like Asimov. Their theories seem more plausible than many of the authors writing today."

Jodoin also is interested in electronics; he has been since the seventh grade when he built his first crystal radio. Reminding him of those days is a photo in his office showing him winning first place in an eighth grade science fair for a transistorized transmitter he built.

He is now developing a new optics laboratory facility at RIT and does consulting work in optical technology for the Webster Research Center of Xerox.

Ash Wednesday Services Scheduled

The following services have been scheduled at RIT for Ash Wednesday, March 7: 12:10, Mass in Ingle Auditorium; 5:10, prayer service in Kate Gleason Lounge; 7:30 p.m. Mass in Ingle Auditorium.

Ashes are distributed after the Liturgy of the Word at each of these services. A schedule of the times and locations of daily Lenten Masses will be available on Ash Wednesday and the first Sunday of Lent.



Telephone Book Changes Noted

Since the new campus telephone directory has been distributed, a few people have called in new numbers or other information, which is printed below. Please make note of these changes.

Eder Benati (p. 16): his correct number is -6388 (TDD listing is correct).

Cpt. James R. Carey is listed in the wrong alphabetical order, following Caruso, Amelia (top right column, p. 17).

Dale Gibson (p. 21): his correct number is -2436.

James Heliotis (p. 22): his correct number is -6133.

Edward Stockham (p. 31): -2978 is no longer his number; he may be reached at both -2544 and -6644.

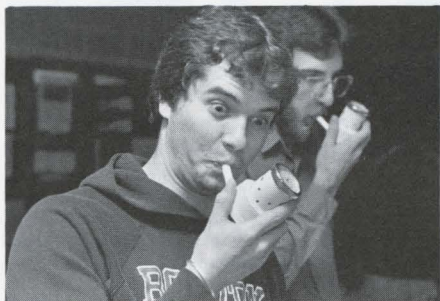
Robert Weeks, Jr. (p. 33): correct number is -6970; his room number is RM-A344.

Additions (College of Business, p. 5): Graduate Office—Martha Burris, -2256, office supervisor, MLM-2302; Gail Motala, -2256, secretary, MLM-2302

Dept. of Decision Sciences (should follow Dept. of Accounting/Finance) — Thomas Williams, -2359, chairman, MLM-2319; Robin Parker, -6057, secretary, MLM-2333

Operations—Mary Hope, -2003, coordinator of evening student services, MLM-A337; Karen Karr, -6085, records specialist, MLM-A340

Also please note that Cynthia Welch's title should be "administrative assistant."



ABOUT TO POP!...Paul Taubman II, RIT student, checks his lung capacity during recent lung volume measurement test. The program, coordinated by Student Health Services and RIT Recreation, is one of several designed to promote fitness and health. Held throughout the school year and free to RIT personnel, the program includes seminars and demonstrations by noted health authorities as well as tests.

Faculty Find Evaluator Helpful

In response to faculty need for a course rather than instructor evaluation system, the Office of Faculty and Program Development has designed and implemented the RIT Course Evaluator.

The evaluator is a direct, confidential service for individual faculty. It is administered during the sixth week of a course and provides rapid turnaround of results so students may have faculty feedback on their responses. Faculty members from all of RIT's colleges have used the evaluator in 57 courses, with nearly 2,000 students responding.

Benefits cited by faculty using the RIT Course Evaluator range from the rapidity with which they get results to the useful

format of those results. The format enables faculty to compare their present course evaluations with the cumulative results of previous times they have offered the course, as well as with the cumulative results of all other faculty who have used the system in their courses.

Faculty also mention that benefits include the opportunity to give students the results so they see course evaluations are taken seriously and are acknowledged by faculty. The evaluator also gives faculty the chance to introduce course changes when warranted by sufficient numbers of student responses.

Faculty interested may contact Dr. Barbara Hodik, 6644.

Game Room to Have Postage Stamp Machine

Postage stamps no longer will be sold at the Candy Counter, according to Helene Manglaris, associate director of Student Activities.

Beginning Tuesday, March 6, stamps will be available from a postage stamp machine in the Game Room during the hours the room is open. The Game Room is closed during the winter/spring break.

A branch of the U.S. Post Office is located in Grace Watson Hall.

FOCUS



Physical Education Units Develop 'Whole Person'

Under direction of Bruce Proper, the Department of Physical Education, Intramurals and Recreation plays an important role in the total educational process at RIT.

"Our mission is to focus on development of the whole person," says Proper. "We view and promote physical activity as primarily a way of living. Our programs are designed to maintain and improve levels of physical health while enhancing self-esteem, confidence, awareness and personal discipline. They also serve as a change of pace from academics and daily pressures."

The department functions as three separate units. Physical Education, coordinated by Fred Bleiler, associate director, is part of the Institute educational curriculum. Intramurals, headed by Daryl Sullivan, provides a competitive outlet for students, faculty and staff. Recreation, coordinated by Greg Moss, provides programs, services, support and equipment for all members of the Institute community. Linda Sallade serves as administrative assistant to Proper while Katie Allen is Physical Education secretary and Barbara Ahl provides secretarial support in Recreation.

By itself, Physical Education is a distinguishable feature of the Institute. To meet the requirements and popular demand, more than 60 courses are available throughout the school year, including summer. These courses cover cardio-respiratory and strength activities, team sports, recreational sports programs and life support and safety programs. While at RIT almost every student participates in physical education courses. Last year more than 11,000 participants were recorded over the year.

"Our highly qualified staff and program diversity enable us to provide students with the knowledge, skills and understanding to enjoy a lifetime of fitness," says Proper.

Intramurals has taken on new dimension at RIT in recent years. Involvement increased 50 percent last year, reaching more than 7,000 participants. Various levels of competition are offered, including team and individual activities for the novice as well as the highly-skilled competitor. Under the college work-study program, 120 students serve each quarter in capacities as game officials and administrators.

"Through a well-structured Intramural program, we are providing necessary physical and leisure time activities for the RIT community," says Proper. "Sound health and physical fitness are a mere portion of the experience one obtains. It also serves to bring students, faculty and staff together with common interests and personal goals."

Recreation is the most diversified of the department programs. In addition to maintaining department facilities, Recreation provides an equipment center with loan-out service, locker rentals, and student security for the various indoor facilities. In conjunction with Student Health Services, Recreation is sponsoring programs in health and wellness for the entire RIT community. Recent endeavors include blood pressure

Physical Education, Intramurals and Recreation staff demonstrate equipment in department's strength and fitness center. Shown left to right, Bruce Proper, director; Daryl Sullivan, coordinator of Intramurals; Greg Moss, manager of Recreation; Barbara Ahl and Katie Allen, secretaries; Linda Sallade, administrative assistant to the director; and Fred Bleiler, associate director. Sullivan is shown on exercise bicycle; in background, weight and strength equipment.

and skinfold measurements as well as seminars by prominent health and recreation specialists.

"Recreation has established an unprecedented identity for the department," says Proper. "It has become a dynamic enterprise involving and accommodating thousands of Institute people in many recreation endeavors."

"Our primary objective in recreation is to provide effective service to the RIT community," says Proper. "This we accomplish through meaningful recreation outlets and support. We are accommodating 60 to 70 percent of the students in numerous activities and programs."

Present facilities include the Edith Woodward Memorial Swimming Pool, George H. Clark Memorial Gymnasium, Frank Ritter Memorial Ice Arena, wrestling room, strength and fitness center (featuring state-of-the-art equipment), tennis courts, outdoor track and fields for class and intramural use.

Future expansion includes a multi-purpose bubble-covered facility (scheduled for completion during Winter Quarter), the addition of nature trails on campus with exercise stations, and two multi-purpose fields behind Grace Watson Dining Hall (both due for completion in spring).

"The activities within Physical Education, Intramurals, and Recreation incorporate and reflect the ideals of the Institute," Proper says. "We must continue to emphasize the basic unity of mind and body to help provide our students a lifetime of success, wellness, enjoyment and satisfaction."

Support Staff Seminar Scheduled

The annual seminar for secretaries, administrative assistants and clerical staff is set for March 20 and 21 in the Rowntowner Motor Inn.

Sponsored by the Staff Training and Development Department of RIT's Personnel Office, the seminar will deal with "Making Successful Choices." Jeanette Tydings, member of the professional development committee of the Support Staff Advisory Board, said brochures describing the workshop will be mailed soon to Institute support staff.

RIT Community Nominations Sought For Alpha Sigma Lambda

The Office of Orientation and Special Programs invites students, faculty and staff to nominate senior students for the Alpha Sigma Lambda honorary society.

Nomination questionnaires are available from the College-Alumni Union Information Desk, the Office of Orientation and Special Programs (A level, College-Alumni Union) Campus Life Office (1003 Kate Gleason Hall) and near the Information Desk in the Lyndon Baines Johnson Building.

Alpha Sigma Lambda was founded in 1964 to honor students who represent the guiding principles of ASL: activities, scholarship, and leadership.

ASL exists to foster and encourage students to aspire to the goals of participation in activities, excellence in scholarship and the practice of responsible leadership. ASL also serves as the Institute's formal recognition of those students who meet the standards and qualify for membership.

The criteria for eligibility are: senior status, full-time matriculated student, a minimum 3.4 cumulative GPA and recommendations from faculty and staff.

Nominations will be reviewed on the basis of participation in activities and leadership in academic and co-curricular activities in addition to the aforementioned criteria. Citizenship and service to the Institute community also will be considered in the selection process.

The deadline for nomination questionnaires is March 14. Questionnaires must be returned to the Office of Orientation and Special Programs.

Gifts to RIT

The following gifts, at or above \$1,000 in value, were received by RIT during the week of February 2nd-February 8th.

Unrestricted	\$7,900 1,000
Packaging Machinery Mechanics Program	2,500
Microelectronics	25,000



Several RIT productivity grant recipients discuss their projects with Dr. Don Eilenstein, center, chairman of the Institute Committee on Projects Relating to Productivity. Shown, left to right, are Dr. Bill Mihal, Dr. Peter Anderson, Dr. Ken Graham and Robert Schmitz.

Productivity Grants Give Faculty Time for Creativity, Research

Teaching, research, consulting and committee work keep RIT faculty on their toes. In fact, these activities sometimes preclude the intensive work required to develop projects and curriculum changes that could benefit their teaching, their college and the Institute as a whole. That's where RIT's Institute Committee on Projects Related to Productivity comes in.

For the past nine years this committee has administered an internally funded program designed to support projects that lead to more productive and effective instructional methods. Dr. Don Eilenstein, chairman of the committee, explains that the committee is particularly interested in curriculum development proposals.

Eilenstein says, "Release time for faculty comprises about 90 percent of our funding. Other funded items might include special equipment.

"We entertain grant proposals any time. However, there is a rhythm to these grants. Most faculty prefer to be funded and work on their grant projects during Summer Quarter."

With his productivity grant, Dr. Peter Anderson, professor in the School of Computer Science and Technology, College of Applied Science and Technology, developed the school's "Bridge Program," three mathematics and four programming courses for adult learners whose undergraduate math and computer science is weak and who want to do graduate work in computer science. Anderson says, "Many

individuals undertake the Bridge Program to develop greater computer facility."

In addition to many RIT faculty and staff who have taken the program, it is popular with secondary school teachers who have to teach computer science and programming. "In six months participants complete two eight-hour course blocks, which bring them up to the level of a student with a minor in computer science," he explains.

The program's reputation has grown to the extent that Xerox put 30 employees through, giving them a nine-month release for retraining.

Kodak is using the program to retrain some of its chemists and chemical engineers since the company needs computer software specialists.

"The support of Kodak and Xerox has provided faculty consulting opportunities, and the profits we realize from contract work have allowed us to upgrade equipment to support our CAST graduate program," Anderson says.

Another productivity grant was allocated to Robert Schmitz, professor in the School for American Craftsmen, College of Fine and Applied Arts. Schmitz developed a computer program for glaze calculation so that ceramics students could duplicate successful glazes and reduce waste in time and finished products.

He says, "Students may be using a certain glaze on clay and find problems with crackling. It's easier to adjust the glaze than the

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THE WINNERS!...Sharon Allen and Jeffrey McCutney, RIT students entering the RIT Bookstore cherry pie eating contest, were so close, nose to nose and bite to bite in eating the most pie in three minutes last Tuesday, they were both awarded a \$50 gift certificate from the Bookstore. Winning \$10 gift certificates were Ron Abess, Ray Bachrach and Robin Vaughn. Ken Nelson, retail supervisor of the photographic department at the Bookstore, says the two winners had only ounces left at the end of the three minutes, "They were real pros!"

CAST Doubles Computer Power

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At planning meeting for the acquisition of the new MASSCOMP computers for the School of Computer Science and Technology, are, from left to right, William Stratton, associate director of the School of Computer Science and Technology; Wiley McKinzie, director of the school; Dr. Dennis Nystrom, dean of the College of Applied Science and Technology; and Dr. Donald Baker, associate dean of the college.

co-op and full time employment opportunities in the industrial and business communities."

"The first complete system," said Wiley McKinzie, director of the School of Computer Science and Technology, "will be up and fully operational by late March, with the entire system in place by the beginning of the Fall Quarter. The five MASSCOMP systems will be linked via our local area network directly to our VAX 11/780s. This will run the same operating system and gives RIT the current state-of-the-art hardware relative to distributed processing.

"We hope to have our graphic program off the VAX 11/780 and on the MASSCOMP by the end of the Spring Quarter. Our graduate program also will have its own system, and we plan to have that operational by Fall Quarter," McKinzie said.

Based in Littleton, Mass., MASSCOMP is a high resolution graphic computer that produces high speed data acquisition state-of-the-art systems for scientific and engineering technical applications.

"RIT is receiving the system at a fraction of the full-market value in recognition of the potential future developments of high level computer language software to be generated by RIT, as well as recognition of the Institute as a leader in the field of general computer science and specific UNIX operating system development," said Nystrom.

"MASSCOMP is a new company and is the single most heavily funded venture capital company in the United States today. Our agreement with them follows a very thorough market analysis of hardware companies that could meet our special needs.

"What we do in getting our system up is going to be used by business and industry and other academic institutions all over the country. Be it a MASSCOMP micro based

system or someone else's 32 bit micro based system, it puts RIT in the driver's seat," Nystrom said.

"The beauty of UNIX," said Bill Stratton, associate director of the School of Computer Science and Technology, "is that you can get much more detailed in what you write. You can write whole operating systems, whole compilers, and complicated higher order software on one machine, and you can port it to another machine and run it. This has not been true in the past. That's why this is such an important development for RIT.

"We've got a MASSCOMP computer system in which the software can be run on other computers and what we develop here can be shared with, not just the MASSCOMP community, but within the UNIX operating system community at large. That brings a great many jobs, impacts on the co-op program and has a great deal of prestige value for the RIT community as a whole," Stratton said.

"Of greatest significance to me is that UNIX is becoming the national defacto operating system standard," says Nystrom. "The faculty in the School of Computer Science and Technology recognized its importance several years ago. Their commitment to build computer science at RIT around this software technology has made us a real national leader. MASSCOMP recognizes our prowess and so do many other business and industrial concerns. This translates to leadership opportunities for research, consultant work, co-op jobs and senior placement. Frankly, RIT is in the systems software driver's seat, with regard to the rest of higher education, and the business world knows it," Nystrom concluded.

Hockey Victory Brings Second NYCHA Crown

Most people were still looking for their seats at last Friday night's hockey game when RIT's Chris Johnstone scored just 0:14 seconds into the RIT-Oswego contest.

It was a sign of things to come as the Tigers coasted to a 6-1 win before a sellout crowd of 2,100 in Frank Ritter Memorial Ice Arena.

The victory gave RIT its second straight New York College Hockey Association crown and virtually assures the Tigers of the number one seed in the upcoming ECAC Playoffs.

Pairings were to be decided yesterday for the ECAC West Region Playoffs that begin this Saturday. RIT hosts the first round at 7:30 p.m. against the eighth seed yet to be announced. Tickets for the ECACs go on sale today in the Athletic office. Tickets are \$2 for students and \$3 for all others.

Last year RIT lost to Middlebury in the first round of the ECACs, but bounced back in the NCAAs to win the Division II title.

Productivity Grants

Continued from Page 3

clay body, so we run it through the calculations, find out how much it's off and what needs to be adjusted. Doing this manually would mean an hour of work compared to five minutes with the computer."

Schmitz also has developed a program to study heat loss through kiln walls. "The time savings here is tremendous. It takes me 15 minutes to do what required a day of calculations before." Schmitz recently published an article in *Ceramics Monthly* on heat loss through kiln walls and its effects, and he is writing on comparisons of kiln constructions.

Dr. Bill Mihal and Dr. Ken Graham in the Department of Management, College of Business, developed an Introduction to Business course with productivity grant funds. "The course exposes business students to the different functional areas of business and how they fit together," says Mihal.

The course is team-taught, with coordinators introducing the various areas and faculty or sometimes outside practitioners speaking on their areas of expertise. Graham says, "With as many as 35 faculty involved, students get an unusually comprehensive overview of business and it helps them make career decisions."

Mihal and Graham agree that the course has been a worthwhile experience for the College of Business as well as the students. "We learned a lot about techniques of teaching large course sections," says Graham. "For example, we found that large section presentations don't work well unless they are followed by small group discussions so students can react to the material presented. In addition, the course has had a tremendous impact on the business faculty. They're thinking of business in a more comprehensive format and comment that the experience has enhanced what they do in their own courses."

Mihal and Graham used their grant funds for release time and to support a graduate assistant. Mihal says, "It really freed us to develop a course we had envisioned, but just didn't have time to do."

Schmitz echoes this sentiment. "The grant afforded me time and opportunity to develop a project I wouldn't normally have been able to do."

Eilenstein agrees that's what the grants are all about.

May 1 is the deadline for Summer Quarter grants. Contact Dr. Eilenstein, 6829, for more information.

Children's Workshops Are 'Problem Solvers'

A series of workshops focusing on problem solving skills will be offered by RIT's Learning Development Center from March 6 to April 7.

Third through eighth graders will find the small group, interactive workshops in "Problem Solvers" a challenging learning experience as they pursue activities using both computers and text as tools. Students can explore the world of Logo programming, try creative writing with computers and create a textbook based on an imaginary country. Not all workshops require prior computer experience.

In a mini-workshop, "Adventure Games," offered during spring break week (April 23-27), seventh and eighth graders will explore successively more structured computer simulated worlds to develop enhanced problem solving skills.

Those wishing more information on the workshops, or desiring to register a child in time to take advantage of the spring openings, should call 2281.

N·E·W·S & E·V·E·N·T·S

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