



August 16—September 12

World food problem: A challenge for Miller



BICENTENNIAL BREAK—Well, you've seen Bicentennial key chains, Bicentennial beer, Bicentennial paper towels, Bicentennial ping pong balls . . . but have you seen a Bicentennial leg?

The proud owner is none other than RIT's Richard Eisenhart, chairman of the board. Hampered by a broken ankle on the 4th of July, he and his family made the best of it by decorating his cast in the stars and stripes.

Eisenhart was on a fishing trip in the wilds of northern Canada just before the 4th, but "the powers that be" made sure that he spent the big day in the USA. Only two days of fishing 50 miles into the bush and he was on his way back via a small pontoon plane. Another quickly chartered plane flew him to Rochester, and five hours later the break had been set at Genesee Hospital.

Educational institutions have always served as a rich reservoir of talent and energy for solving some of society's ills.

Looking at the problem of feeding the world's hungry, the National Academy of Sciences recently dipped into the pool and came up with RIT's President, Paul A. Miller.

As announced in the April 5 edition of *News and Events*, Miller is chairing a committee on global research organization, one of a score of task forces conducting the World Food and Nutritional Study.

An outgrowth of the 1974 World Food Conference, the study was requested by President Ford last November.

The study's focus will include both an examination of the productivity of the United States and its ability to support food efforts in other nations, along with an evaluation of global research and development.

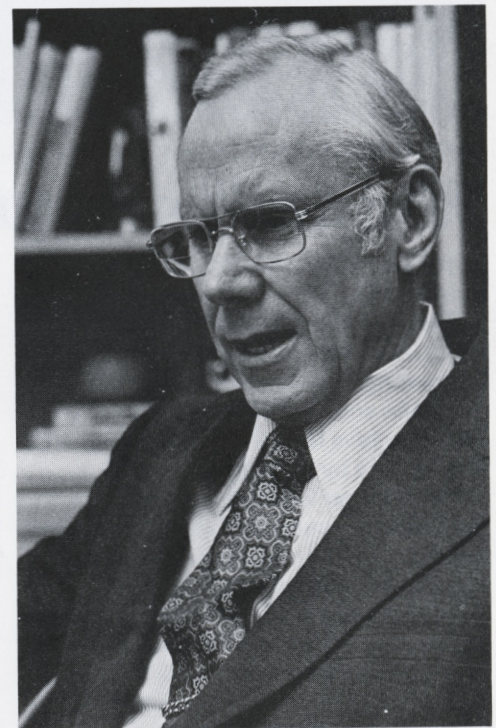
RIT's chief executive is looking forward to the challenge.

"I've been interested in agriculture and development throughout my whole career," Miller remarked.

His claim is backed with an impressive set of credentials.

Besides holding a BS degree in agriculture from West Virginia University (1939), an MS degree in sociology from Michigan State University (1947) and a PhD degree in sociology and anthropology from Michigan State University (1953), he has remained active in research and writings in agriculture and conservation. His commitment extends to international education where he worked to help develop the Colombian Institute of Agriculture in Bogota, South America, and the Morogoro Institute of Technology in Tanzania, Africa (now the Faculty of Agriculture at the University of Dar es Salaam).

Miller returned to Africa this summer to engage in further work on the development issues of that continent.



AGRICULTURAL ADVISOR - Dr. Paul A. Miller

Comparing the productivity of the United States with developing countries, Miller noted that we have only four per cent of the population involved in producing food for the market, while Third World nations have 75 to 80 per cent.

But, the answers of highly industrialized countries such as the United States may not be directly applicable to the developing countries, Miller also stated.

"Adaptation of technology to local needs is fundamental," he says, "and has resulted in a whole new field of interest—that is intermediate technology."

President of a major educational institution in technology, with 35 years of dedication to advancing agriculture, Paul Miller is helping out on one of mankind's oldest problems . . . hunger.



WIND WATCHERS — Drs. Walter and Hetnarski view their power plant.

Windmills: future power

By the year 2000, windmills may be a familiar sight.

That's a prediction from Dr. Wayne Walter, assistant professor of Mechanical Engineering. For almost two years, Dr. Walter and Dr. Richard B. Hetnarski, professor, have been studying the generation of electricity by wind power.

"By the year 2000, we probably won't use one single source of energy," Dr. Walter projects. "We may have a mix—wind, solar and conventional sources."

After reading available literature on the subject, Drs. Walter and Hetnarski constructed a windmill which has a horizontal axis with two wooden blades. The entire length of the two blades rotor is eight feet.

Their windmill has been hooked up with a pulley system to an automobile alternator and placed on the roof of the College of Engineering.

Barnes leaves RIT after 6 years

"We're very, very sorry to see him go," said Dr. Roy Satre, dean of Institute College, speaking about Dr. O. Dennis Barnes, chairman of the instructional technology department.

After six years at RIT, Barnes is leaving to go back to school full time. He first came to Rochester from the University of Southern California in Los Angeles in 1970, having just earned his doctorate in instructional technology. Originally at NTID, he was first director of computer assisted instruction, then of curriculum development and evaluation.

Since it's a small windmill, it generates just 700 watts of electricity, only about 12 per cent of the average household's needs.

The professors, however, would like to build a larger windmill which would generate three kilowatts of electricity, and put it somewhere on the RIT campus.

Wind power as a large-scale alternative source of energy isn't economically feasible now, Dr. Walter says, but it could become so.

For the time being, small applications are economically feasible. Dr. Walter gives an example: People who build homes in rural areas far from roads must pay utility companies to be hooked up to the electrical lines. For them, windmills are an economic alternative.

In 1974, he came across campus to Institute College. In the two years since, his department has doubled its enrollment, and he has implemented two options for graduates.

"We have refined the community college and health sciences options for graduates," Barnes explained. "They can now be equipped for jobs in instructional technology in community colleges, medical and dental schools and allied health programs."

In addition, Barnes has implemented a bachelor of science program in audiovisual communications.

Grants Deadlines

Anthropology Grants: Support for scientific research, National Science Foundation. Deadline: 9/1/76

Undergraduate Research Participation: Support for students to work during the summer of 1977 with faculty members on research projects for 10 weeks. National Science Foundation. Deadline: 9/10/76

Filmmaking Grants: Support for film projects in 16mm or 35mm, American Film Institute. Deadline: 9/15/76

Programming in the Arts: Grants for production, research, and development to improve the quality of arts programming on film, TV, and radio, National Endowment for the Arts. Deadline: 9/15/76

Research Associateship: Support for post-doctoral basic and applied research for scientists and engineers in biological, medical, behavioral, earth, space, and physical sciences, National Research Council. Deadline: 9/15/76

Crafts—Exhibition Aid, Workshops, and Apprenticeships: National Endowment for the Arts. Deadline: 10/1/76

Youthgrants: Support for young people in and out of school to explore a project of their own interests in the humanities, National Endowment for the Humanities. Deadline: 10/1/76

Faculty Research Participation: Support to work for 10 weeks during the summer in nonacademic laboratories engaged in research on problems of national interest and concern to help teachers reevaluate the relevance of science instruction, National Science Foundation. Deadline: 10/8/76

Student Science Training: Support for a summer science program from an institution to test the aptitude of secondary students in science, National Science Foundation. Deadline: 10/15/76

Restructuring Undergraduate Learning Environment: Support that encompasses both major and minor changes in undergraduate science instruction, National Science Foundation. Deadline: 10/15/76

Fellowships for Artists: National Endowment for the Humanities. Deadline: 10/15/76

Summer Stipends: Support for 2 months of full-time study or research by college teachers, National Endowment for the Humanities. Deadline: 10/18/76

Comprehensive Undergraduate Learning Environment: Support (up to 3 yrs.) to strengthen the undergraduate learning environment, improve the quality of instruction, enhance self-assessment and continued updating of science programs, National Science Foundation. Deadline: 10/29/76

Please call Dan Cashman or Jan Layne, ext. 2388 for additional information. Proposals should be completed 1 week prior to Deadline to accommodate RIT endorsement and mailing time.

"News and Events" is published every other Monday during the academic year by Communications Services at Rochester Institute of Technology and distributed free of charge to the Institute community. For information, call 464-2344.

May Benedict, former Domestic Science head, dies

Many RIT people who remember life at the metro campus will also recall the big house that stood at the corner of South Washington and Broad Streets. They'll also remember the lady who spent much of her time there—Miss May Benedict.

Under Miss Benedict's guidance, the former home of Nathaniel Rochester's daughter became a part of Rochester Athenaeum and Mechanic's Institute, now Rochester Institute of Technology, in 1921.

Called the Practice House, it was well known as the training ground for students in what was then the Department of Domestic Science.

Miss Benedict, who passed away July 17 at age 97, schooled many of Rochester's daughters in the fine arts of cooking, sewing, serving, food management, planning menus and budgeting for careers in restaurant management, teaching, dietetics and homemaking.

Business and professional people of the early 1900's also looked on the Practice House as an excellent spot to meet for lunch. The first floor was open as a public restaurant, and the guests came regularly to enjoy the gracious hospitality and good food that were the products of Miss Benedict's tutelage.

Her contributions to Rochester and to the Institute have never been underestimated by the people who know both well. Mrs. Marcia Ellingson, whose husband, Dr. Mark Ellingson, is RIT's president emeritus, knew Miss Benedict for more than 50 years. She remembers Miss Benedict as a charming lady who bequeathed the Institute a tradition of elegant entertaining and gracious style.

"May Benedict taught us all to think about the guest and to arrange everything with the individual in mind," Mrs. Ellingson said. "Her inspiration is alive today in things like that spectacular Bicentennial birthday dinner, and the lovely luncheons in the Henry Lomb room.

"As a matter of fact, the Henry Lomb room originated during a conversation between Captain Henry Lomb and May Benedict."

Miss Benedict pioneered dietetics and food management in local hospitals when nutrition was still a new science. During WW II, after she had retired from the Institute, she was in charge of a consumer service at McCurdy's department store.

"People needed to learn how to live with the rationing and the energy shortages," Mrs. Ellingson explained. "And that service was the model for the consumer information that Rochester Gas & Electric Corp. provides today."



Wallace Memorial Library Archives Collection

MISS MAY BENEDICT

A native of Irondequoit, Miss Benedict first came to the Institute in the 1890's to earn a certificate in home economics. She received a degree in education from Columbia University, and returned to the Institute in 1904 as an instructor.

In 1914 she became director of the Department of Domestic Science, and took on a vital responsibility.

From the outset, the Department of Domestic Science was an essential part of the Institute, and an important community resource.

In 1893 the Institute consisted of two divisions: Industrial and Fine Arts, and Domestic Science. The Institute's founders, who included Captain Lomb, J.J. Bausch

and Frank Ritter, were committed to carrying the benefits of the school to the home as well as to the shop and factory. By 1898, Domestic Science had 1319 students and 21 teachers.

Training courses for Domestic Science teachers had begun in 1897, and by 1899 classes for children were held as well. Until 1922, almost all of the teaching of cooking and sewing in the public schools was done by supervisors and practice teachers from the Institute.

When the Practice House was opened, Miss Benedict kept a tight hand on her students, making sure that each one gained practical experience in every aspect of housekeeping, and that they all learned the principles of physiology, chemistry, psychology, current topics and physical culture.

Among Miss Benedict's prize students was Florence M. Wallace, for whom Wallace Memorial Library is named. Another was Sarah Margaret Gillam, one of the Institute's most brilliant home economics students.

Miss Benedict's Department of Domestic Science and its grandchild, RIT's Department of Food Administration/Tourist Industries Management, have provided Rochester and the country with professional restaurant staffers for years.

Dr. Leo Smith, retired vice president of Academic Affairs, taped an interview with Miss Benedict a few years ago during which they discussed the history of the Institute. If you'd like to hear it, contact Gladys Taylor, x2557.

President's Buffet Sept. 8

In an effort to welcome the parents of new students to RIT this fall, an evening of dinner and dancing has been planned for September 8. The company of all faculty and staff is requested so that parents can meet you and get a feel for the real essence of RIT.

Hosted by the sisters of Phi Gamma Nu sorority and the RIT Women's Club, the evening should be quite a splash. Cocktail hour is 6-7 p.m.; roast steamship round of beef will be hand carved and served buffet style from 7-8:30 p.m., along with side dishes of salads, fruit, vegetables, rolls and dessert.

When the plates are cleared at 8:30, you can dance to the music of the Syl Novelli Orchestra till 12 midnight.

Tickets are \$6 each, and can be reserved in advance through the Student Affairs

office in the lower level of the College-Alumni Union, Monday-Friday, 8:30-4:30. Or call Cathy Matuszewski, x2508. Don't waste any time; last year's tickets sold out within two weeks.

Due to a change in the September Blue Cross premiums structure, most employees will notice a slight adjustment in their August paychecks. Those affected will be family Blue Cross/Blue Shield subscribers and Single and Family Rochester Health Network and Group Health members. If you have a question, please call Personnel, x2424.



NEWS & NEWSMAKERS

William E. Beatty, associate professor, College of Business, was presented a certificate of appreciation for outstanding service to the Alumni Association of Western Maryland College.

He was instrumental in forming the Western New York Alumni Club in 1968.

Victoria Gary has been appointed assistant registrar in the office of Records and Institutional Research. Formerly staff assistant in the same department, Mrs. Gary has been with RIT since 1972.

William D. Gasser, professor in the College of Business, received a citation award at the annual meeting of the American Cancer Society for two years of outstanding service as General Crusade Chairman for the Monroe County Unit.

He was also reappointed to the editorial board of the N.Y. State Society of C.P.A. journals.

In addition, he was appointed by the State Education Department to a committee of C.P.A. Peer Reviews in connection with the new Quality Review Program involving professional conduct cases concerning practicing C.P.A.'s in N.Y. state.

Sarah Reynolds, head of acquisitions in the library, won the RIT Community Softball raffle—\$100.

Jim Papero, affirmative action administrator in personnel, appeared on WXXI-TV on July 30 as part of a panel on alcoholism.

Produced by the Council on Alcoholism, the forum dealt with detection and treatment of problem drinkers on the job. Papero is head of RIT's alcoholism program.

James L. Fox, director of Residence Halls and Food Services, attended the 75th Annual Convention of the International Food Service Executives Association held August 8-11 at the Hyatt Regency Chicago, Chicago, Ill. Fox is presently a member of the local branch of the Food Service Executives.



'GET-WELL' GIFT - Jones Chemicals has given RIT \$50,000 to create an endowment fund in honor of William Gasser, professor in the College of Business.

It just so happened that Gasser was convalescing at Strong Memorial Hospital at the time. From right to left are: Gasser, Dr. Johnson, dean of the College of Business, Richard Eisenhart, chairman of the board, John Wiley Jones, president of Jones Chemicals, and RIT President Paul A. Miller. Gasser is a member of Jones Chemicals' Board of Directors.

Steve Walls moves to Phys Ed

"School without sports is like a day without sunshine," blares a road embankment near a junior high in Fairport, courtesy of some budget-crunched students and a bucket of green paint.

Steve Walls drives by that heart-rending graffiti every day on the way to his new job at RIT as administrative assistant to the director of Physical Education and Athletics. But he probably doesn't need the inspiration. He's a sports enthusiast himself, and has been for years.

In college and high school, Walls was an all-around athlete, playing football, gymnastics and track. At Syracuse University, where he majored in physical education, he was a member of the varsity wrestling squad, and recalls a perfect record: "I never won a match."

Walls went on for a master's degree in education at the U of R, and he's applied that and his sports orientation to high school basketball and baseball coaching in Lewiston, NY, and to his previous jobs at RIT.

In 1961, RIT took him on as director of student activities, and from 1969 to last July 1, he had been director of the College-Alumni Union.

CONTINUING EVENTS

CPA's—Health & Welfare Organizations. August 16.

Stage III Production—Webb Auditorium. August 17-19; 24-26; 6-11 p.m. Contact Bill Gasser, x2312.

Genesee Valley Cycling Club—Practice sessions for racing. Roadways surrounding Lots G&H. August 26. Contact Bob DeRoo, 442-8200.

Suzuki Violin Festival—Concert by Suzuki violin students. Main & Aux. Gyms. August 27, all day. Contact Anastasia Jempelis, 275-4326.

Ukrainian Sports Assoc.—Athletic competition between young people. Track and field. August 28-29, 8 a.m.-9 p.m. Contact Roman Kucil, 275-2308.

CPA's—Profitable Practice. 1829 Room. August 30-31, 9 a.m.-5 p.m. Contact Bill Gasser, x2312.

President's Buffet—Dinner and dance for faculty, staff and parents of new students. C-A Union, Sept. 8, 6-12 p.m. Contact Cathy Matuszewski, x2508.

Walls is now responsible for developing innovative intramural and recreation programming along with assisting Director Lou Alexander. Dr. Thomas Plough, associate vice president of Student Affairs, explained the need for Walls' new capacity:

"With increased interest and participation in the area of intramural and recreation by our students, and the rapid increase in the size of our student body, there is an urgent need for further development of these programs."

"Steve's background in athletics and physical education plus his knowledge of the RIT community will be extremely helpful in bringing about the necessary planning and programming in these areas," Plough added.

"In his new role Steve will also be in a position to exert more control on inventory, equipment and facilities in these activities."

Presently RIT offers intramural softball, touch football, coed volleyball, hockey and basketball. Walls expects to expand the program to include power volleyball, swimming, track, bicycling and even skateboard.