



July, 1974

## William Lehman Named Director Of Media Production

William F. Lehman has been named director of RIT's Media Production Center.

The newly formed operation combines the Television Center, which Lehman had headed, and the Media Design Center.

The Media Design and TV Centers had previously been housed under Instructional Research and Development. With the new structure, Dr. Richard D. Zakia will remain director of Instructional Development and Thomas C. Forrester of 80 Colony Manor Drive, Henrietta, will become instructional developer.

The Media Production Center will maintain the cable TV system, broadcast and distribution of TV signals and hardware and production of instructional materials and media components.

The Instructional Development efforts will be of a more developmental nature, such as setting course or module objectives, learning objectives,

pilot projects, experimental projects and evaluation.

Lehman's background includes 12 years in commercial broadcasting and 10 years in educational broadcasting. He has experience with all phases of production and management in radio and television, including program/production director of the Delaware Educational Television network and University TV coordinator at Wright State University in Dayton, Ohio. Lehman, who has been at RIT since August 1972, has a bachelor's degree from Indiana University and a master's degree from Purdue University.

Forrester has been a media specialist in Instructional Research and Development at RIT the past year, and for three years previous was a television producer/director at RIT. He received a bachelor's degree from Gordon College and is working for a graduate degree in educational foundations at the University of Rochester.



Leonids Linauts, artist and lecturer in stained glass, is offering a six-week course in the art at RIT through the School for American Craftsmen. Linauts, a Latvian who came to the United States in 1949 as a refugee, has stained glass windows in 34 U.S. churches. Linauts calls his stained glass work "frozen music," and says his experience at RIT is unique. "No other institution is looking at the total subject of stained glass as an art form," he said.

## Engineering Students Design For Physical Therapy Children

Children in physical therapy at the Al Sigl Center are crawling, walking and playing with the help of equipment designed and built by RIT mechanical engineering students.

Members of the RIT student branch of the American Society of Mechanical Engineers (ASME) constructed a device which was designed last year by students in a design class of Dr. Richard G.

Budynas, the ASME faculty adviser.

The device is a large wooden structure. One side contains a rug-covered incline adjacent to a set of stairs, allowing a child, depending on his ability, to crawl or walk to the top. The other side contains a linoleum-covered slide. Underneath, a tunnel extends

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## Palmer Chosen For A. P. O. Award

Kenneth M. Palmer, safety and fire coordinator for RIT, has been selected as the 1974 recipient of the Alpha Phi Omega award for community service. Alpha Phi Omega is a national service fraternity with a local chapter at RIT.

Palmer, who lives at 108 Benedict Road, Pittsford, was honored for his extensive volunteer service with the Perinton Volunteer Ambulance. During his nine years of service, he has logged over 10,500 duty hours and served as training director, crew chief, vice president, chairman of the board, dispatcher, driver, and

## Mertin Gets Guggenheim Award

Roger Mertin, an adjunct faculty member in the College of Continuing Education, has been granted a Guggenheim Fellowship for study in photography.

Fellowship awards totaling \$4,151,500 were announced by the John Simon Guggenheim Memorial Foundation. The grants were made to 342 scholars, scientists and artists chosen by the Committee of Selection from among 2,668 applicants in the Foundation's fiftieth annual competition.

The Fellowships were awarded on the basis of "demonstrated accomplishment in the past and strong promise for the future," officials said.

The subjects proposed by the Fellows range through all of science, scholarship, and the

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## Tenure Granted To RIT Faculty

The following faculty members have been granted tenure, according to Dr. Todd H. Bullard, provost and vice-president for academic affairs: **COLLEGE OF BUSINESS:** George D. Demopoulos, Herbert J. Mossien; **COLLEGE OF CONTINUING EDUCATION:** Peter Vogelaar; **COLLEGE OF ENGINEERING:** Richard Budynas; Charles Haines; Richard B. Hetnarski; Richard A. Kenyon; George T. Koide; **COLLEGE OF FINE AND APPLIED ARTS:** Susan Carter; Robert H. Johnston; Ronald Padgham; Toby Thompson;

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Engineering students with equipment. See story, right.

## Student Takes Design Awards

Abner Gutierrez has won two national design awards in competition based on his student work at RIT. Gutierrez, an RIT junior in the Communication Design Program, was one of 13 national winners of the Champion Papers Imagination Scholarship.

The scholarship entitles him to spend two weeks in an intensive seminar on printing production and technology at the Graphic Arts Technical Foundation in Pittsburgh, PA. According to a spokesperson for Champion Papers (Hamilton, Ohio), the purpose of the scholarship is to

"bring designer and printer closer together."

Gutierrez, whose parents, Mr. and Mrs. Luis Gutierrez, live in Levittown Lakes, Puerto Rico, has also received a \$500 first award in the National Paper Box Association (Haddonfield, NJ) Annual Competition. His rigid paper carton for Corning Creative Glass (Corning, NY) features a pop-open display and slip cover to protect the product. He joins three other RIT design students who have won national awards in the last four years.

## Guggenheim con't from p. 1

arts: Howard Gruber will examine Jean Piaget's scientific thought, Charles James will write a book on techniques of design, Gerald Jonas will describe current brain research, Norman Kelvin will complete a comprehensive edition of William Morris's letters, Frank MacShane will write a biography of Raymond Chandler, Frank Oppenheimer will explore the role of science museums and public science education, Heinz Politzer will write a critical biography of Sigmund Freud, Austin Ranney will investigate American modes of political action, Henry Nash Smith will deal with the theme of inner freedom in nineteenth century American fiction, and Marcia Siegel will write essays on American dance.

The great majority of Fellows teach in American colleges and

universities. The leading institutions with regard to number of faculty members chosen as Fellows are the University of California at Berkeley with 17, Columbia University with 15, Harvard University and the University of Pennsylvania tied with 11, the University of California at Los Angeles with 10, the University of Chicago and Cornell University tied with 9, Princeton University with 8, the University of Michigan and Yale University tied with 7, the University of Washington and the University of Wisconsin at Madison tied with 6, and Northwestern University with 5. In all, 113 colleges and universities are represented.

During its 50-year history the Foundation has granted nearly 8,500 Fellowships for a total of \$55,000,000.

## Physical Therapy con't from p. 1

across the entire width. Within the tunnel the child can crawl or push himself on a cart. The device has retractable wheels.

The project was conceived when Dr. Budynas suggested his students investigate what they might do for the handicapped for their group projects. Duane Smith, Joanne Wieczorek and Dave Dellam visited the AI Sigl Center and talked to physical therapists about the three to six year olds who have difficulty walking and crawling. The RIT students decided to try to design something that not only would improve the children's motor capabilities, but would give them recreation as well.

Original plans were to design the equipment only, but people at the AI Sigl Center responded

with so much enthusiasm the students in ASME decided to pick up the construction. The Mechanical Engineering Department is paying for the \$500 in required materials.

The physical therapists who supplied the initial information--Susan Ingmire and Susie Stroh--are eager to begin working with the device.

"It certainly is pleasing that student groups are interested in helping our agency," said Ms. Ingmire. "We hope to use the equipment for not only our ambulatory children, but for the more severely physically handicapped as well. It's a good piece of general recreation equipment, too, for all our children."

## Burns Named Acting Head of Biology Department

William A. Burns, associate professor in the College of Science, has received a one-year appointment as acting head of the Biology Department.

Burns directs the Medical Technology program in the College of Science.

He has a bachelor's degree from the University of Arizona and a master's degree from Elmira College.

Burns' first service to RIT was in 1967-71 in Biology and Medical Technology. He was on the faculty of North Country

Community College in 1972-73, and returned to RIT in 1973.

He is chairman of the Education Conference Section of the Genesee Valley Chapter of the Empire Association for Medical Technology.

He is also a member of the American Society of Medical Technologists, the American Association of Blood Banks, the American Association for the Advancement of Science, the American Society of Allied Health Professions.

## Alpha Phi Omega con't from p. 1

medic.

In addition, Palmer is legislative representative to the New York State First Aid Association and was a pilot member of a coronary technicians group in Monroe County.

The Alpha Phi Omega award is given annually to a member of the RIT community who

exemplifies the principle of service. Previous recipients include: Edwina Hogadone, retired dean of the College of Business; Marian Lammaroux, formerly of the Reading & Study Clinic; Dr. Nina Sandburg, chemistry professor; Walter Horne, printing professor; and Evelyn Brandon, general studies professor.



Ms. Harriet F. Brewer recently addressed a group of professional secretaries attending "Secretaries Seminar '74." The seminar is an annual event sponsored by RIT's Extended Services Division. Designed to promote the professional image of secretaries, this year's seminar was held at the Holiday Inn Downtown.

## Science Goes To High School

Students and teachers at some 120 high schools in the Rochester area have available to them services of the faculty of the College of Science at RIT.

"High school teachers find it hard to believe that Ph.D.s in science are willing to come out to talk to their kids," says Robert D. Slentz, a teacher at Wheatland-Chili High School.

Slentz is talking about how his fellow teachers are reacting to the faculty of the RIT College of Science sending out a five-page list of some services available and indicating an open-ended desire to be of help.

Since the College of Science sent out the invitation last year, hundreds of high school students have had some contact with RIT science faculty.

The offer, of course, isn't entirely altruistic. The College of Science hopes to attract students through its efforts.

But in addition to that, many members of the science faculty have children in these schools and want to make sure the schools stay up-to-date and they believe that if RIT has expertise and facilities that aren't available in the high schools, these ought to be shared.

"We've gotten a lot of positive feedback from teachers, but some people aren't quite sure how to use our services," reports Dr. Thomas P. Wallace, dean of the College of Science.

"It is difficult to get high school teachers to take advantage of these services," agrees Slentz, whom the College of Science hired as a consultant

to help it promote the services. He mentions a number of reasons--busy schedules, transportation problems, and confusion about how to use such an unprecedented offer.

The services available include free Saturday morning mini courses in selected science and mathematics topics, presentations of lecture-demonstrations at the high schools or at RIT, faculty workshops, consultation about modern trends in science, field trips and career information.

Use of RIT's library facilities was extended to high school teachers and students. A Harley School student, Robert Staehle, prepared a project in the College of Science biology laboratories which was flown aboard the Skylab space mission last June.

In February, the College of Science hosted a meeting of the newly formed Genesee Region Science Supervisors Association, which included a tour of the science building and a demonstration sampling of the types of programs and services RIT is currently offering to high schools.

"Although we deliberately made the list of services specific, please do not hesitate to contact us if you have other ideas," wrote Dr. Wallace in the invitational letter.

"We'll do almost anything for them," says Dr. Robert E. Gilman, head of the chemistry department. "We could make ourselves really busy, but we're not at that point yet."

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## Seven Named For Highest Academic Honors At RIT

Seven students have been named to Alpha Sigma Lambda honorary fraternity at RIT.

Nomination to Alpha Sigma Lambda is the highest academic honor a student at RIT may attain. In the 11-year history of the fraternity, only 70 students have been chosen as members.

The students are:

**Gerald S. Williams**, son of Mr. and Mrs. Harold B. Williams of 621 4th Street, S.W., Washington, D.C., a third year student in the College of Graphic Arts and Photography who maintains a 3.5 grade point average; **Michael M. Sheridan**, son of Mr. and Mrs. Edward J. Sheridan of 262 Chestnut Street, Union, N.J., a fourth year student in the College of Graphic Arts and Photography who maintains a 3.4 grade point average; **David J. Vogel**, son of Mr. and Mrs. M. Lawrence Vogel of 2614 Washington Avenue, Oceanside, N.Y., a fourth year student in the College of

Business who maintains a 3.0 grade point average. **Nancy L. McKee**, daughter of Mr. and Mrs. Norman McKee of 199 Haviland Park, Greece, a third year student in mathematics who maintains a 3.8 grade point average; **Janet M. Kristiansen**, daughter of Mr. and Mrs. Stanley Kristiansen of 911 Kimball Court, Spring Hill, Fla., a third year student in the mathematics department who maintains a 3.3 grade point average. **Donald R. Samuels**, son of Mr. and Mrs. Jay P. Samuels of 255 Bayberry Drive, Hewlett Harbor, N.Y., a fourth year student in RIT's College of Graphic Arts and Photography who maintains a 3.5 grade point average. **Robert S. Dawley**, son of Mr. and Mrs. George V. Dawley of 165 Pleasant Avenue, Hamburg, N.Y., a fourth year student in the College of Business who maintains a 2.8 grade point average.

## News and News Makers

**Miss Mary Burnet**, associate professor in the College of Business, recently addressed the Rochester Chapter of the American Society of Women Accountants on "The Economics of Austria and Eastern Europe."... **Diana DeBruycker**, Department Secretary/Accounts Payable for RIT Food Service Department, along with the Rochester Chapter, Sweet Adelines Inc., attended the Region 16 Annual S. A. Barbershop Competition held recently in Toronto. Diana won the Regional Trophy for Novice Arranger; the Rochester Chorus won second place honors in the annual regional chorus competition... **Professor V.V. Raman** of the Physics department published the paper: 'Varieties of Science History' in Vol. 33, No. 11 of Science and Culture... **Dr. John A. C. Yule**, Research Associate at the Graphic Arts Research Center, was given a Fellowship Award by the Society of Photographic Scientists and Engineers at their annual honors and awards luncheon in Boston... **Dr. John Humphries** of the College of General Studies has been named to the Board of Directors of the Western New York Child Care Council, Inc., which serves a 10-county area... **Professor Albert D. Rickmers** of the College of Graphic Arts and Photography has been given a testimonial award for leadership and distinguished service as an educator, author and consultant by the American Society for Quality Control... Any student or faculty member interested in taking 16 boys to camp Massawepie in the Adirondacks for a week in August should contact **Charles Hutchins** at 334-0855.

## High Schools

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"It wasn't all my performance," Dr. Gilman emphasizes. "The students participated, too."

After Dr. Gilman went to Lyons High School, a carload of Lyons students came to RIT to work in the library and to consult with Dr. Carole Sack, assistant professor of biology, about an independent research project.

"They seemed impressed that I'd help them," Dr. Sack describes.

"They asked a lot of questions, which is usually a pretty good indication of the reception," says Dr. Earl Krakower, associate professor of chemistry, about his three visits to Brighton High School and one to Wheatland-Chili.

Rather than talk about a topic of his choice, Dr. Krakower finds it "much more pertinent" to give a lecture-demonstration on a topic the class is covering at the time. He brings along an audiovisual technique he developed called "lap dissolve," using time-lapse multiple slide projections. He was able, he said, to show how lectures are given at RIT.

"Dr. Krakower was able to bring a good audiovisual presentation that we don't have the talent to do now," remarked John Shafer, the teacher of the class at Brighton High School. "And he was able to present it so high school students could understand what he's talking about."

Shafer calls his acceptance of RIT's services "making use of a resource in the community." Two years ago, he says, he

would have been surprised to get such an offer from a neighboring college. "Today it's not so surprising, especially with high schools looking to see what's available.

Dr. Gilman went to Lyons High School and Greece Olympia High School to talk about chromatography. "The reception was great. The students loved it," he said. "And we're spreading the good word about RIT."

The science professor who goes into a high school hopes to leave the impression that a good science student will have a good relationship with his science teachers if he comes to RIT.

## Tenure

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**COLLEGE OF GENERAL STUDIES:** Kathleen Chen; Leonard Gravitz; Glenn J. Kist; Joanne Palmer; Mark Price; H. David Shuster; Houghton Wetherald; Hans Zandvoort; **COLLEGE OF GRAPHIC ARTS AND PHOTOGRAPHY:** Mohamed Abouelata; Owen Butler; John Compton; Lothar K. Engelmann; Thomas Iten; Hugo Jelinek; John Karpen; John Pfahl; **INSTITUTE COLLEGE:** John F. Adams; James D. Forman; **NTID:** Lawrence Butler; Thomas A. Connolly; Jack Clarcq; Robert Klafehn; Jean Guy Naud; Elizabeth O'Brien; Nicholas Orlando; James Stangarone; Joanne Subtelny; Gerald Walter; **COLLEGE OF SCIENCE:** Williams Burns; Earl H. Sexton.

## John Yule Takes Fellowship Award

Dr. John A. C. Yule, research associate at the Graphic Arts Research Center at RIT has been given a Fellowship Award by the Society of Photographic Scientists and Engineers. Although Dr. Yule was not present, Dr. Burt Carroll of RIT accepted the award for him.

Paul Gilman, Honors and Award chairman of 1974, said the award was made on the basis of outstanding achievement and significant contributions to the progress of photographic science and engineering. Only three were given this year.

Following many years of research at the Eastman Kodak Company, Dr. Yule joined the

staff at the Graphic Arts Research Center in 1967 to continue his life-long interest and work in color reproduction. He is known and respected for this work throughout the world.

In addition to his many papers presented to professional organizations and his contributions to books, Dr. Yule published his Principles of Color Reproduction in 1967. This has become a standard reference in the field of color reproduction. It is used in seminars at the Graphic Arts Research Center, has been translated into Japanese, and is presently being translated into German.

## GARC Offers Major New Report

The Graphic Arts Research Center has announced the availability of a major GARC report entitled "Quantification of Paper Material Accumulation on Offset Printing Blankets" written by Chester J. Daniels, GARC Technology Supervisor.

This 156-page perfect-bound report is the culmination of work conducted during the past months in the laboratories at the Graphic Arts Research Center. Considered as an interim report, it deals with the extensive problems of material accumulation on offset blankets, means of objectively measuring the material, and provides the paper research industry a basis for understanding this problem area and working to solve these and related problems. The volume is

intended to be used as a working reference by paper companies, the graphic arts industry, libraries, and colleges with high interest in the subject matter, GARC officials said.

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