

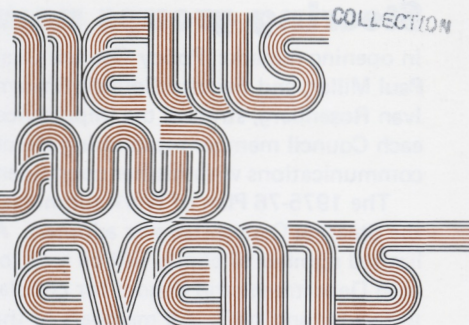


Rochester Institute of Technology

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Aerosols

Will they disrupt earth's biological systems?

Is the end of the earth in sight?

It's a question that's likely to be posed to Dr. F. Sherwood Rowland, the chemist who uncovered the possible threat of aerosol sprays to the atmosphere's ozone layer, when he's at RIT Oct. 13 and 14.

Dr. Rowland, a specialist in the chemistry of radioactive isotopes from the University of California at Irvine, will deliver the College of Science's first John Wiley Jones Lecture at 8:30 p.m. Monday, Oct. 13, in Ingle Auditorium. The public is invited to his general-level talk on "Man's Threat to Stratospheric Ozone."

In what seems a science-fiction tale, Dr. Rowland has been contending that the fluorocarbons used as propellants in aerosol sprays are depleting the ozone layer that shields the earth from ultraviolet radiation. The consequences could disrupt, if not destroy, the biological systems of the earth.

If it hadn't been for Dr. Rowland, the assumption that fluorocarbons were harmless in the environment because they are chemically inert might have gone unchallenged for some time.

But Dr. Rowland was curious about what happened to the fluorocarbons as they ascended into the atmosphere. He developed an atmospheric model in which these compounds eventually diffuse into the stratosphere--from 15 to 30 miles above the surface of the earth--where ultraviolet radiation breaks them down. One product of that breakdown, chlorine atoms, in turn decomposes ozone molecules.

The decomposition of ozone, which protects the earth from solar radiation, can lead to radiation-induced skin cancer in massive numbers of people, serious

biological damage such as genetic mutation and crop damage, and perhaps even changes in the world's weather patterns, scientists say.

Since Dr. Rowland first published his findings in January 1974, other scientists have supported his conclusions about the catastrophic effects of fluorocarbons upon ozone.

Consumer groups have sought a ban on aerosol sprays, which have more than 300 uses in American households. Manufacturers oppose a ban until conclusive evidence is produced that they are harmful. Congress has wavered between concern over the threat of fluorocarbons to the environment and worry over the effects of regulatory legislation on the economy--and has yet to come up with an answer. Dr. Rowland argues that continued fluorocarbon release into the atmosphere while further research is conducted greatly increases future depletion of the ozone layer.

Other scientists at the two-day symposium will address such topics as the management and control of chemicals released into the environment; the chemistry of water quality in western New York; and how to make environmental cleanup practical.

On Tuesday, a panel of environmentalists, including people from Monroe County and a New York State environmental officer, will discuss environmental control concerns. The public is invited to that session at 9:30 a.m. in Ingle Auditorium.

The John Wiley Jones Lectureship and Symposium is funded through a gift to RIT's 150th Anniversary Campaign from Jones Chemicals, Inc., of Caledonia. The company created an endowment fund in honor of John Wiley Jones, its founder and chairman of the board, as a tribute to Jones' career in the chemical industry and an acknowledgment of his interest in science education.

Besides the lectureship, which will bring one of more eminent scientists to RIT for two or three days each year, the gift establishes annual outstanding scholar awards for a physics student and a chemistry student. The 1975 awards will be presented at a special dinner Monday evening before Dr. Rowland's talk.

Jones Chemicals, Inc. was established in 1929 by John Wiley Jones as a manufacturer of household bleach. The first few batches were made in ten-gallon earthenware crocks in the basement of Jones' parents' home in LeRoy. The firm is now a major supplier of chlorine for municipal water and sewerage systems throughout the United States and in many countries around the world.

Due to production difficulties, News & Events will be published biweekly until further notice.

Information to be included in News & Events must be received by noon Monday the week of publication.

Further information is available by calling 464-2330.

Steering groups named

In opening remarks, Policy Council Chairman Paul Miller, and Faculty Council Chairman Ivan Rosenberg, stressed the importance of each Council member establishing effective communications with his/her constituency.

The 1975-76 Plan of Work submitted by the Steering Committee was adopted. A limited number of copies will be sent to each Department and School for circulation to faculty and staff. All members of the Policy Council have copies. Summaries will be carried in a later issue of News and Events.

The report, "Recommendations Concerning The Health and Health Related Programs at the Rochester Institute of Technology" was presented for discussion. After considerable discussion, primarily on questions about administrative organization, the report was tabled and returned to the Steering Committee.

The nominees for membership on the 1975-76 Standing Committees of the Policy Council were approved as listed below

STEERING COMMITTEE: Dr. Paul A. Miller, President, Chairman; Mr. Hiram Bell, President, Student Association; Dr. Todd H. Bullard, Provost and Vice President for Academic Affairs; Dr. William E. Castle, Dean, National Technical Institute for the Deaf; Mr. Ronald E. Padgham, Assistant Professor, Institute College; Dr. Nina M. Sandberg, Associate Professor, College of Science.

LONG RANGE PLANNING: Mr. John F. Carson, Associate Professor, College of Graphic Arts and Photography; Dr. Charles Haines, Assistant Provost; Ms. Geneva Miller, Counselor, (Instructor), Counseling Center; Dr. Harvey Rhody, Associate Professor, College of Engineering; Mr. Stephen Richards, Student, College of Graphic Arts and Photography; Dr. Joanne D. Subtelny, Professor, Coordinator, Speech Services, National Technical Institute for the Deaf; Ms. Andrea C. Walter, Assistant Professor, College of Continuing Education

PRIORITIES AND OBJECTIVES: Mr. Louis J. Andolino, Assistant Professor, College of General Studies; Mr. Michael Bradbury, Student, College of Science; Ms. Susan Carter, Assistant Professor, College of Fine and Applied Arts; Mr. William D. Gasser, Professor, College of Business; Dr. Edward A. Johnson, Dean, College of Business; Mr. Robert E. McGrath, Jr., Assistant Professor, Institute College; Ms. Judith E. Vollmer, Assistant Director, Central Placement Services

EDUCATIONAL PROGRAMS: Dr. Harold Alford, Dean, College of Continuing Education; Ms. Lisa Bleier, Student, College of Fine and Applied Arts; Dr. Robert E. Golden, Assistant Professor,

College of General Studies; Ms. Bonnie Meath-Lang, Instructor, National Technical Institute for the Deaf; Dr. Varadaraja V. Raman, Associate Professor, College of General Studies; Mr. Robert L. Seyfert, Student, College of Graphic Arts and Photography; Mr. Miles F. Southworth, Professor, College of Graphic Arts and Photography

ASSOCIATE MEMBERS – EDUCATIONAL PROGRAMS: Dr. Swaminathan Madhu, Professor, College of Engineering; Dr. Thomas R. Plough, Associate Vice President for Student Affairs

Sign classes offered

Manual communication classes will be offered to interested persons again this year through the Free University Sign Language class.

Classes for the fall quarter begin Tuesday, Oct. 7, from 7:30 to 9 p.m. in the Kate Gleason first floor lounge.

Registration for the free classes will be held Tuesday and Thursday evening, Sept. 30 and Oct. 2, from 7 to 9 p.m. at Kate Gleason.

Batcheller named

William Batcheller has been appointed Director of Purchases at RIT, effective immediately.

"I am very pleased that we have someone of Bill's ability within RIT to provide the overall leadership and development of Purchasing, Mail Services, and General Duplicating," Jon L. Prime, director of Business Services, said.

"Bill is not a new member of the RIT community, having joined the Institute in 1959 as a member of the mail services department. He became mailroom supervisor in 1960 and in 1961 developed and managed the General Duplicating Department. In 1966 Bill joined the Purchasing Department as a buyer where he has most capably served the Institute," Prime said.

Record policy set

RIT is nearing completion of its efforts to establish a composite set of policies governing student records in accordance with the Family Rights and Privacy Act (Buckley Amendment) Dr. Fred Smith, vice president for Student Affairs, said last week. All regular full-time day students should have received both a May 27, 1975, summary (through their academic departments) of the provisions of the Buckley Amendment and a September 5, 1975,

summary (at their home addresses) of all departments at RIT maintaining records on students.

The specific policies of each department at RIT which maintains student records will soon be available either through individual departments or through the Office of Student Affairs. A \$1.00 fee will be charged for copies of the composite set of all policies. Anyone who would like copies of either the May 27 or September 5 documents, or who has any questions concerning the Buckley Amendment, should contact Dr. Stanley D. McKenzie, Assistant to the Vice President for Student Affairs, in the Office for Student Affairs, mezzanine level of the College Union, 464-2265.

Smith gets HEW post

Jack F. Smith, assistant dean for Educational Extension at NTID has been appointed by the U.S. Department of Health, Education and Welfare (HEW) to the position of executive director of the White House Conference on Handicapped Individuals.

The national conference, scheduled for December, 1976, will be preceded by a series of state conferences on the handicapped. The White House conference will provide suggestions for Administrative legislative action on behalf of all handicapped individuals; provide national input on all handicaps from birth through old age; and investigate and gather information for both consumers and experts in the field of disabilities.

Smith, a native of suburban Philadelphia, Pa., will report directly to Stanley B. Thomas, Jr., assistant secretary for Human Development in the office of the Secretary of HEW. The legislation for the White House conference was initiated and approved by the United States Senate.

"This important appointment indicates the competence RIT will lose when Jack Smith departs. But we are proud that he will be giving this vital service to the nation," Dr. Paul A. Miller, president of RIT said about the appointment.

New dietetics program

A coordinated dietetics program allowing a student to become a member of the American Dietetics Association (ADA) after four years of study is starting at RIT this month.

A dietitian must be a member of the ADA to practice in the field.

The new program is in addition to RIT's traditional program in dietetics, which the Institute has offered for several years.

RIT is only the third institution in New York State to offer a coordinated program. Its program is funded through an allied health grant of the U.S. Department of Health, Education and Welfare.

The coordinated program combines four years of undergraduate curriculum and planned clinical study which meets the didactic and clinical requirements for membership in the ADA. Completion of the program leads to a bachelor of science degree plus Membership. Successful ADA completion of a national examination qualifies the member to become a registered dietitian.

Under a traditional program, the student must complete additional clinical experience after the bachelor's degree to qualify for ADA membership.

Clinical facilities in the Rochester area, including the Veterans Administration Hospital at Canandaigua and Rochester General Hospital, will provide comprehensive health care environments for student learning.

Students will be taught by RIT faculty and clinical instructors.

Students in both the coordinated and the traditional dietetics programs will spend their first two years in a preprofessional program. Those students accepted into the coordinated program will begin the professional program. Those students accepted into the coordinated program will begin the professional phase in their junior year.

RIT's coordinated program is headed by Professor Janet Sim of Brighton, a faculty member in the Department of Food Administration and Tourist Industries Management. Leila Hopkins of Le Roy, N.Y., has been appointed an assistant professor and will serve as the main clinical instructor.

Dietetics is a profession in the health field focusing on nutrition and food management. Dietitians are skilled in applying principles of supervision to the preparation and service of food to individuals and groups. The demand for dietitians is expanding, with health and welfare centers, day care centers, nursing homes, food companies, colleges and hospitals among the major employers.

News and newsmakers

Ms. Ellen Wolf, medical nurse practitioner at the Student Health Service, presented a paper "The Deaf Health Care Consumer in a Hearing Health Care System," at the recent World Congress for the Deaf in Washington, D.C.

Dr. Ronald Francis, chairman of the Photographic Science and Instrumentation Division, will speak on Non-Conventional Photochemical Imaging Systems before the Binghamton Chapter of the Society of

Photographic Scientists and Engineers on November 18, 1975, and at the Kodak Apparatus Division on November 21, 1975.

Mrs. Carol Johnson has been named administrative assistant to the director of the School of Printing at Rochester Institute of Technology.

Dr. Arden Travis of the College of Business has been elected a director of the recently-formed New York State Cooperative Experiential Education Association. He will chair a workshop at the Association's first annual meeting in Syracuse on October 27.

Drs. Paul A. and Francena L. Miller have been named honorary co-chairpersons of the 1975 membership campaign of the Rochester Association of the United Nations.

Sidney McQuay, chairman of engineering graphics in the Applied Science division of Institute College, has been chosen as a member of Phi Delta Kappa, the professional fraternity in education.

Dr. Francena Miller has also been elected president of Family Service of Rochester, Inc., for 1975-76.

Continuing events

FRANK LLOYD WRIGHT: Designs and plans. Wallace Memorial Library, 2nd floor gallery, through Sept. 30)

STONE TOLAN COUNTY FAIR-Authentic American handicrafts. Stone Tolan House, 2370 East Ave. Sponsored by the Landmark Society of Western NY. Admission \$1. October 4, raindate Oct. 5.

JEWISH COMMUNITY CENTER'S -browse & Buy Gallery-October 16.

BEVIER GALLERY-"Danish Design in the 70's," a selection of furniture, textiles, glassware and industrial design. Open daily Mon-Fri, 9-4:30 and 7-9. Sat. 10-5, Sun. 2-5. Sept. 23-Oct. 12.

CPA's, Audit Managers & Partners Seminar 1829 Room, 9-5p.m. Contact Bill Gasser at 2312. October 6&7.

HUMAN FACTORS SOCIETY-Clark Dining Room, 4p.m.-midnight. Contact Jeanne Perkins at 2598. October 8

S.P.S.E.-Booth Auditorium, 8a.m.-6:30 p.m.

Contact Richmond Beach. October 10
PHOTOGRAPHICS OF ROCHESTER-06-A-205, 8a.m.-11p.m. Contact Judy Torkington at 2757. October 11.

JOHN WILEY JONES LECTURE/SYMPOSIUM-Ingle Aud., Van Persum Aud., Classrooms. Contact: Bob Witmeyer at 2944. October 13&14.

THEATRE: Jean Erdman's Theatre of the Open Eye presents "Primordial Voices" based on Eskimo poetry and song and "Haitian Suite" inspired by the rhythms and chants of a voodoo ceremonial-an unusual double bill performed by a company with an amazing mastery of multiple theatre forms. Nazareth Arts Center Auditorium, 8:30 p.m. \$5 general, \$3 student. Call 586-2525, ext. 390. October 4

MUSIC- "Kazoophony", music by the world's only classical Kazoo group presented as part of the Sunday Afternoons at Nazareth series. 3 p.m., Arts Center Auditorium. FREE. Call 586-2525, ext. 363. October 5

Positions available

Listed below are the current openings at RIT as of 9/22/75. For further information please check the current job list in your college or administrative department.

Full Time-General Staff Positions

Officer-Supervisor/Secretary, Central Placement Level 8

Secretary/Receptionist, Dean's Office - NTID

Secretary - Campus Services

Secretary, Food Administration & Tourist Industries Mgmt.

Secretary, College of Business

Clerk-Typist, Central Placement - Level 2

Secretary, Administration Services Center

Secretary, College of Fine and Applied Arts

Payroll Clerk, Payroll Dept. Admin.

Secretary, General Studies

Part Time Permanent Staff Positions

Secretary, NTID Admin.

Secretary, NTID - DIEP

Secretary, NTID - Office of Prof. Devel.

Secretary, NTID - Bus. Support Team

Full Time Hourly Staff Positions

Electrician - Level B

Security Officer, Campus Services-Level C

Part Time Hourly Staff Positions

Tutors, Metro Campus-Project Upward Bound

Manager of Photo Facilities, School of Photo.

Part Time Administrative Staff Positions

Admin. Staff, Development Assistant-DIEP/NTID

TV Programming Coordinator-CD&E/NTID

Learning Environments Specialists-CD&E/NTID

Full Time Administrative Positions

Systems Coordinator, Computer Services

Manager Trainee, Food Service Dept.

Maintenance Engineer, Media Production Center

Computer Operator, Office of Computer Services

Full-Time Faculty Positions

Coordinator of Training in Teacher Supervision NTID

Faculty, Accounting-NTID

Faculty, Arch. Tech.-NTID

Chairperson, Support Services Team for General Educa.-NTID

Chairperson, DIEP Dept. of Human Devel.-NTID

Instructor, Indust. Dftg.-NTID

Chairperson, Computer Applications, Div. of CD&E

Coordinator of Career Development-NTID

Instructor, School of Printing

Faculty, Tech. Sci. Optical Finishing Tech.-NTID

Faculty, Bus. Tech.-NTID

Div. of Curric. Devel. & Eval, Curr. Devel.

Specialist, -NTID

Faculty, Office Practice & Procedures-NTID

Coordinator of Audiology Service Section,

Comm. Ctr.-NTID

Tutoring Specialist, NTID General Educa.,

Support Services Team.

"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 464-2330.



Rochester Institute of Technology

One Lomb Memorial Drive
Rochester, NY 14623

Service will honor Raymond M. Biehler

A memorial service in honor of the late Raymond M. Biehler, retired professor of physics in the College of Science, will be held at 3 p.m. Sunday, Oct. 5, in Ingle Auditorium.

Professor Biehler, who had taught at RIT for 33 years until his retirement in June 1973, died Aug. 15 at the age of 67.

Representatives of the mechanical engineering, physics and chemistry departments will participate in the memorial service, along with Dr. Todd Bullard, provost and vice president for Academic Affairs; Dr. Robert Snyder, professor of mechanical engineering and a former student of Professor Biehler; Dr. E. Kenneth Hickman, director of RIT's Distillation Laboratory and a co-worker of Professor Biehler at Distillation Products, Inc., in the 1940s; Dr. Mark Ellingson, President Emeritus of RIT; and Walter Astles, who was Mr. Biehler's business partner in manufacturing a line of bullet-making tools.

Professor Biehler was named RIT's Outstanding Teacher in 1973. Dr. Robert Snyder, head of the selection committee, said then, "The evidence we saw from now and the past years indicated overwhelmingly that this man has shown unbelievable dedication to teaching and is one of the finest teachers this Institute has ever had."

Mr. Biehler's background in engineering physics at Ohio State University prepared him to teach a variety of subjects at RIT--mathematics, physics, and various engineering subjects.

He knew in his student years that he wanted to spend the greater part of his life teaching, and interrupted that goal only for about five years before graduation when he worked in industry. He came to RIT in 1935, left in 1943 to work at Distillation Products, Inc., and returned in 1948 for continuous service until his retirement.

As hobbies he was an active member of the American Kiteflyers Association and was long interested in the technical aspects of precision target rifles and shooting.

During World War II he served as chairman of the Rochester War Research Committee and was treasurer of the Rochester Chapter of the American Ordinance Association.

He was an active member of the Civil War Round Table.

While at Ohio State University, Mr. Biehler was a member of Triangle scientific fraternity and was elected to Tau Beta Pi engineering honorary society. He served as treasurer of the Tau Beta Pi petitioning group at RIT.

His widow, Margaret, is employed in the RIT Admission Office. Their two daughters are computer programmers in Chicago, Jean with S.P.S.S. and Susan with the Computation Center, and their son, Allen, is a traffic engineer for Allegheny County, Pennsylvania, which includes Pittsburgh.

Contributions in Mr. Biehler's memory can be made to the RIT Memorial Scholarship Fund.

NTID names four to Advisory Group

The National Technical Institute for the Deaf has named four new members to its National Advisory Group (NAG).

The NAG serves in an advisory capacity to the director of NTID. Its members include leaders in education, business and industry, and government. Selected to serve on the advisory group are Mrs. Laura M. Bergt, Ms. Alice R. Kent, Dr. Robert Huff and Dr. George Propp.

Mrs. Bergt of Fairbanks, Alaska, is the parent of a deaf daughter. She is active in a number of national and state organizations. Among these are the National American Revolutionary Bicentennial Council, the National Council on Health Manpower Shortages Areas, the National Council of Regents for the Institute of American Indian Arts (Santa Fe, N.M.), the Alaska Plan Policy Board, the Governor's Rural Affairs Commission (Alaska), Alaska's Commission for the Handicapped, and the University of

Alaska's Student Orientation Services Committee.

Ms. Kent of Cleveland Heights, Ohio, is presently principal of the Millridge Center for Hearing Impaired in Cleveland, Ohio. She has had extensive teaching and supervisory experience in a variety of programs during her 40 years in education of the deaf. For 15 years she served as a visiting professor at the University of Virginia, Smith College, Portland State College, University of Utah, and at Northwestern University. She has been an active participant and contributor to many meetings of national organizations associated with hearing impaired children and youth.

Dr. Robert Huff of Blacksburg, Va., is a professor of higher education at the Virginia Polytechnic Institute. Prior to assuming this position, he spent six years as the associate director for the National Center on Higher Education Management

Systems at the Western Interstate Commission for Higher Education. In this position he was instrumental in developing a number of highly sophisticated planning and management systems for resource allocation and management in higher education.

Dr. George Propp of Lincoln, Neb., is assistant director of the Specialized Office for Deaf and Hard of Hearing at the University of Nebraska in Lincoln. Prior to this he was the associate director and coordinator of instruction for the Midwest Regional Media Center for the Deaf and a former professor at Northwestern University.