

# The Village Enterprise



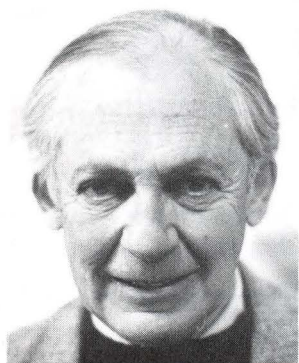
fermi national accelerator laboratory

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## PHYSICS PIONEER SPEAKS



...H. L. Anderson...

A protege of Enrico Fermi spoke at the weekly colloquium held on Jan. 18. "Cyclotrons I Have Known" was the topic of Herbert L. Anderson, of the University of Chicago and the Los Alamos (N.M.) Laboratory.

Anderson was Fermi's chief assistant. He was among members of the team that helped establish the first chain reaction.

"Characteristics of successful accelerator builders," he said, "are boundless energy, boundless enthusiasm and great powers of persuasion." He recounted building, as a graduate student, the Columbia University cyclotron. He later supervised construction of the synchrocyclotron at the University of Chicago.

"In those days," he added, "there wasn't any idea of getting money from the government by writing a proposal. You did everything yourself."

Anderson recalled how coils for the Chicago 460 MeV synchrocyclotron were fabricated at the Brooklyn Navy Yard. Because the coils were 34 feet in diameter, special transportation to Chicago had to be arranged: barge hauling on the old Erie Canal. The coil design was also calculated to traverse the streets of Chicago, Anderson said.

After a tour of duty from 1951 to 1970, the machine was dismantled for use as a spectrometer at Fermilab. A truck convoy brought the coils to the Batavia site. A crew of engineers set the coils and the enormous iron pieces in place.

The cyclotron stimulated radio-chemistry studies, Anderson recalled. The Enrico Fermi Institute had as a primary aim the joining of major disciplines such as radio-chemistry, physics, geophysics and astrophysics all in the same facility.

## PRAIRIE WORKSHOP SET FOR FERMILAB

Registration is open for Northern Illinois Prairie Workshop III, a day-long seminar set for Fermilab Saturday, Mar. 4. Deadline to register is 5 p.m. Friday, Feb. 10. A \$10 fee will cover lunch and materials.

Rene Donaldson (Publications Office) is co-chairman with Larry Sheaffer, a Warrenville school teacher. Previous workshops were held at Rock Valley College, Rockford, in 1976 and Northern Illinois University-Lorado Taft field campus, Oregon, Ill., in 1975.

An estimated 400 persons are expected to attend the 1978 session. According to Donaldson, purpose of the workshop is to share information on prairie ecology, preservation, restoration and education. Cosponsors are Fermilab and College of DuPage.

Activities get underway with registration at 7:30 a.m. in the Central Laboratory auditorium foyer. At 8:45 a.m., the keynote address, "Ecology of the Prairie," will be given by Floyd Swink, taxonomist at Morton Arboretum.

Ten workshops will round out the program. Identical sessions will be held in the morning and again after lunch to allow participants to attend two different sessions. Subjects will be: Introduction to the Prairie; Educational Implications of the Prairie; Ecology of the Prairie; Horticultural Implications of Prairie Flora; Illinois Natural Area Inventory; Management Techniques of Existing Prairies; Acquisition and Preservation of Prairies and Prairie Remnants; Propagation of Prairie Flora; Use of Prairie Flora in Landscape Design; and Methods of Prairie Restoration, a panel discussion.

Tony Donaldson (Accelerator) will be a panelist; David Cosgrove (Accelerator) and his wife Polly will be co-presenters of the prairie introduction session. For information, contact Rene Donaldson, CL-3E, Ext. 3278.





...Mrs. P. Mantsch and daughter Krista, 3, take a turn on the ice...

#### ICE SKATERS CELEBRATE WINTER

For the first time in several years, NALREC's annual all-laboratory skating party last Sunday beat a premature spring thaw. About 150 employees and guests enjoyed the ice on the Central Laboratory reflecting pond. Skaters downed 200 hot dogs and gallons of coffee and hot chocolate around a warming fire. NALREC committee members in charge were Cindy Carra and Pat Yost.

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#### QUARK HUNTERS: A FERMILAB TV PROFILE

"Two on Two," a CBS-TV Chicago (Channel 2) weekly series, will feature Fermilab Sunday (Jan. 29) at 10:30 p.m. The report focuses on E-288 scientists, discoverers of the new "Upsilon" sub-atomic particle. The feature relates how the discovery was made and what it means to non-scientists. Also included is an explanation of the Energy Doubler project.

#### COMING EVENTS

- Sat., Feb. 11 -- Inter/National Film Society: "The End of August at the Hotel Ozone." CL-Auditorium, 8 p.m. Tickets: \$1.50 adults; 75¢ children.
- Fri., Feb. 24 -- Pro-Basketball bus trip. Chicago Bulls vs. Milwaukee. 7:30 p.m. For information call Pam Cooper, Ext. 3222.
- Sat., Feb. 25 -- Candlelight bowl. Bowling Green Sports Center, W. Chicago. 9 p.m. to 1 a.m. Bowling, buffet, door prizes. \$7 person. Deadline for reservations: Feb. 20. Contact: J. Guerra, Ext. 3533; B. Moylan, Ext. 3648; S. Nila, Ext. 3555; D. Sorenson, Ext. 3087; P. Yost, Ext. 3441; E. LaVallie, Ext. 3138.

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FERMILAB ART SERIES

presents

5 by 2 Plus Modern Dance Company

8:30 p.m. Friday, Feb. 10 Fermilab Auditorium

The 5 by 2 Plus modern dance company will perform at Fermilab on Friday, February 10 at 8:30 p.m.

The name of the company originated when two young dancers, Jane Kosminsky and Bruce Becker, decided in 1971 to form a company which would perform a program of five modern dance masterpieces created by major choreographers. They obtained rights to perform works of such artists as Paul Taylor, Jose Limon, Tamiris and others.

Ms. Kominsky was a soloist with the Paul Taylor Dance Company; Bruce Becker was a soloist with the Batsheva Dance Company of Israel. They eventually added three more dancers...making the "Plus."

The group has had consistently good reviews. Ms. Kominsky has performed in person, on film and on TV throughout the United States, Europe and Asia. She is on the faculty of the Dance Division of the Juilliard School. Last June in the London Coliseum, she performed as Rudolph Nureyev's partner in "Nureyev and Friends."

Becker has appeared on Broadway in several musicals and was the dance captain for the Broadway production of "Cabaret." He has choreographed for Chita Rivera, Ann Jeffries and others and has appeared extensively on network TV.

Reserved seat tickets (\$3) are available from the Guest Office, CL-1W, Ext. 3440.



...NALWO women planning "Something Special" are L-R: S. Cox, C. Binkley, N. Peoples and B. Kirk...

SOMETHING SPECIAL

Beat the winter blahs! Come to "Something Special," a champagne dinner dance being arranged by NALWO, the Fermilab women's organization. The event for users, employees and their sweethearts will be held from 7 p.m. to midnight Saturday, Feb. 18, at the Village Barn. Beef Wellington will highlight the menu. Other features will include music by "The Baker's Half Dozen Minus Two" and cash bar. Only 250 tickets (\$7.50) will be sold. Deadline for reservations is Tuesday, Feb. 14. Tickets available at the Guest Office, CL-1W, Ext. 3440.

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SCHOLARSHIP FORMS AVAILABLE

Application forms for the annual URA Scholarship program for employee children are now available in Personnel, CL-6E.

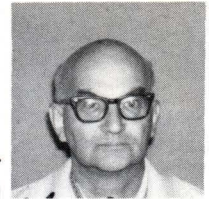
To be eligible, the student must be starting a four-year degree program in the fall of 1978. The four-year scholarship pays up to \$1200 per year for tuition and required fees, providing the student remains in good academic standing. From 10 to 12 scholarships will be awarded based on A.C.T. (American College Testing) scores.

To apply for a scholarship, the student should fill out a brief application form, attach a copy of the official A.C.T. scores and return them to Ruth Christ, 6E, by March 1.



# IN MEMORIAM

Gerald Vanek  
June 17, 1918-January 21, 1978



Gerald Vanek, a Fermilab contracts administrator since 1975, died Saturday. A Geneva resident, Gerald joined the Laboratory after extensive procurement experience with the U.S. Air Force. He retired as a Lieutenant Colonel in 1975 after 28 years' service. Previously he had conducted a private legal practice, specializing in contract administration. He received bachelor's and law degrees from the University of Minnesota. Survivors include his widow, Mary; two sons James and John, and a daughter, Barbara. Funeral services were held Wednesday. Burial will be in Ft. Snelling National Cemetery, St. Paul, Minnesota. Ed West, Gerald's supervisor, said, "During Gerry's brief career at Fermilab, he contributed greatly to the operation of the Contracts Section due to his extensive procurement experience, knowledge and professional character. He will be remembered by all of us for his continually pleasant personality and ability to find humor in daily events."

## LECTURE CANCELLED

Friday's Science and Humanities lecture was cancelled. The speaker, Joseph Weizenbaum, professor of computer science at Massachusetts Institute of Technology, was unable to make plane connections out of Boston due to bad weather. If the talk is rescheduled, an announcement will be made by the Auditorium Committee.

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## NEW RULES ANNOUNCED FOR SQUASH COURT

Recreation Manager Helen Ecker has announced that new rules have been formulated for use of the squash court at Anderson Barn. With input from players, new regulations were written concerning court reservation policies. The rules are posted at the court.

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## FLYING PHYSICIANS TOUR SITE

Taking time out from a conference, about 100 members of the Great Lakes Chapter of the national "Flying Physicians" toured Fermilab Saturday. Miguel Awschalom, Cancer Therapy Facility physicist/deputy department head, provided an orientation in the auditorium. After his talk, the visitors were divided into small groups for a walking tour.

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## FERMI CHILI: THE BEST, THE BAD, THE UPSETTING

Eleven chili chefs and about 50 spectator-judges turned out for a second annual chili "bake-off" Saturday. The event was held at the Users Center. Contestants pre-cooked their entries; judges sampled each and cast their ballots. Prize winners were: BEST CHILI -- Jeff Elseth; WORST -- Don Rohde; HOTTEST -- Paul Brindza; MOST UPSETTING -- Al Thomas; and Charles Bridgel won a special Chili-You-Wouldn't-Feed-Your-Dog award. Other contestants were: Gail Dixon (Mrs. Roger Dixon), Duane Plant, Robert Oberholtzer, Walter Kissel (all Accelerator Division); Leslie Bauman, Food Services; and Ken Shafer, Operations. For his best entry, Elseth won a plaque; for the worst recipe, Rohde was awarded a can of chili and a packet of seasoning mix; for the hottest, Brindza received an "Oral Fire Extinguisher"--a tube of honey.

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