

September 15, 1983

FERMI NATIONAL ACCELERATOR LABORATORY

# FermiNews

## UEC ELECTS LOKEN, LBL, NEW CHAIRMAN



*The Users Executive Committee. Pictured seated (left to right) are chairman Stu Loken and secretary Frank Taylor. Standing, second row (left to right), Alex Dzierba, Ernie Malamud, Lee Holloway, Carl Bromberg, Ken Young, Carol Wilkinson. Third row, Bob McCarthy, Maris Abolins, Bill Carithers, Roger Dixon, and Joe Lannutti.*

### by Phyllis Hale

Dr. Stewart Loken of Lawrence Berkeley Laboratory was recently elected chairman of the Users Executive Committee at its August 10 meeting. This was the first meeting for six newly-elected members of the 13-member committee. Newly-elected are Carl Bromberg, MSU; Roger Dixon, Fermilab; Alexander Dzierba, Indiana University; Roberty McCarthy, SUNY, Stony Brook; Carol Wilkinson, University of Wisconsin; and Kenneth K. Young, University of Washington. Also on the Committee are William Carithers, Lawrence Berkeley Laboratory; Lee Holloway, University of Illinois; Joseph Lannutti, Florida State University; Ernest Malamud, Fermilab; Frank Taylor, secretary, Massachusetts Institute of Technology; and former chairman, Maris Abolins, Michigan State University. Terms

are for two years with the exception of the ex-chairman who serves a third year.

The Users Executive Committee meets bi-monthly to discuss users' concerns and to interact with Laboratory management. The last meeting focused on various details regarding the fixed-target program and the commissioning of the Saver. There were discussions pertaining to the Woods Hole Panel recommendations and the Superconducting Super Collider. Joining the committee for these discussions were Leon Lederman, Rich Orr, and Stan Wojcicki, Chairman of the Woods Hole Subpanel on Future High Energy Facilities for the U.S.

Membership to the Users Organization is available to individuals with a  
*(cont'd. on pg. 2)*

# FERMILAB TO HOST OPEN HOUSE SUNDAY, SEPTEMBER 18

Magnets that operate at 450 degrees below zero, an experimental area for 2-trillion-volt particle collisions, the fire department, pioneer cemetery, and the main accelerator control room...all will be open to the public at Fermilab's Open House on Sunday, September 18, from noon to 6 p.m.

The Open House comes as the result of a flurry of interest since Fermilab's new superconducting particle accelerator reached an energy of 700 billion electron volts, the highest ever achieved in the world. The Open House will provide information about the accelerator as well as Fermilab's non-technical activities. More than 200 Fermilab employees will guide visitors and explain operation of the facilities that will be open for the occasion. It is the first Open House at Fermilab since 1975.

Entrance to the Fermilab site on September 18 only will be via Eola Road (off Butterfield Road), or Batavia Road (coming from the east) or Wilson Street (coming from the west), all of which will funnel traffic to one large parking area. The main entrance at Pine Street and Kirk Road will not be open to the public on this day.

Employees who are required to work at their regular jobs will need a special pass from division and section offices to gain access to parking or Laboratory buildings other than the general parking area for the Open House (the open field at Batavia and Eola Roads).

Shuttle buses will meet visitors at the parking lot and take them to parking areas around Wilson Hall from which three shuttle routes will operate throughout the day to all parts of the site. A folder describing the routes will be handed out, and visitors may choose any or all of the routes during their stay.

In Wilson Hall, guides will describe the panoramic view from the 15th floor; the main floor will be lined with information stations, and a special program will be presented every half hour in Ramsey Auditorium. Between noon and 6 p.m. the Wilson Hall elevators will operate on an express basis between the lobby and the 15th floor

(no other stops). Additionally, the Cafeteria will be closed. The main control room and the galleries of two of our accelerators will also be on the tour routes in this area.

In view of the expected influx of people, employees bringing guests should be aware that the Laboratory cannot allow deviations from the established tour route to view individual work areas. There is no charge for the Open House and no advance reservations are necessary.

## NTF'S HENDRICKSON SPEAKS by Michelle Gleason

Fermilab Neutron Therapy Facility has begun to correspond directly with surgeons and other medical specialists for patient referrals. As part of this new approach, Dr. Frank Hendrickson recently spoke here to specialists about the role of neutrons in cancer management.



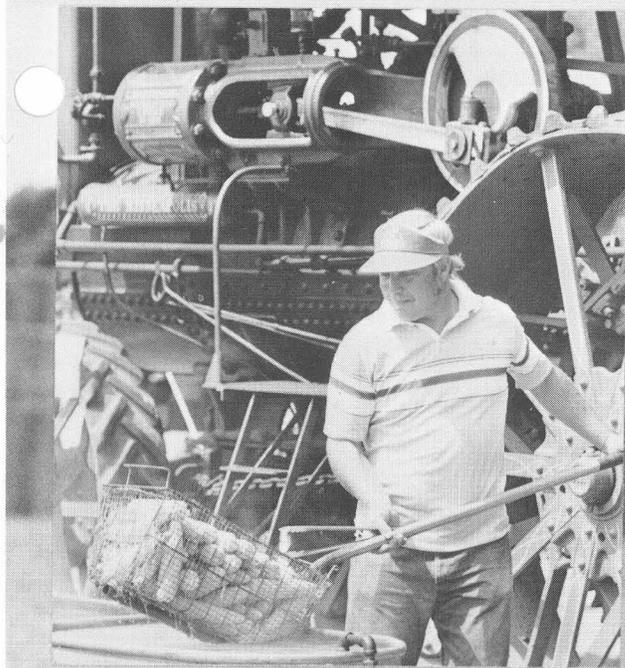
*Dr. Frank Hendrickson*

A wide variety of tumor types, reputed to be "radioresistant," appear to be amenable to complete local control by neutrons. Up to now, these tumors have been treated by surgery with or without supportive radiation therapy.

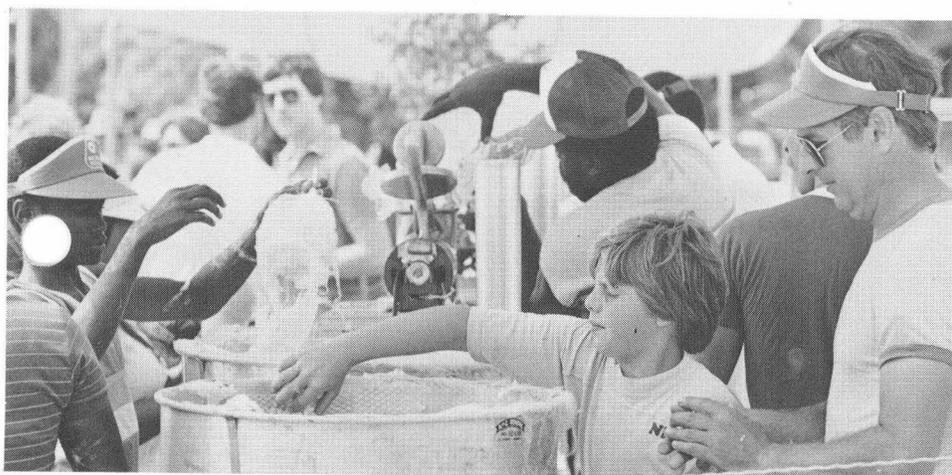
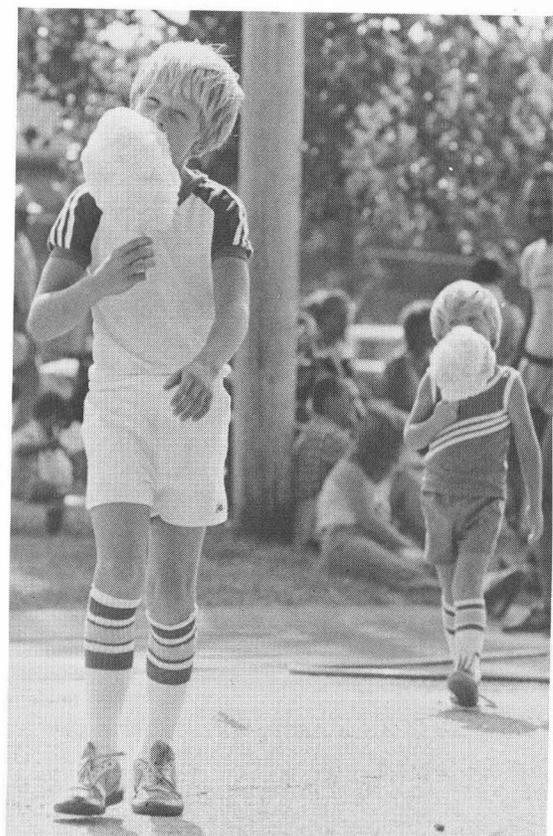
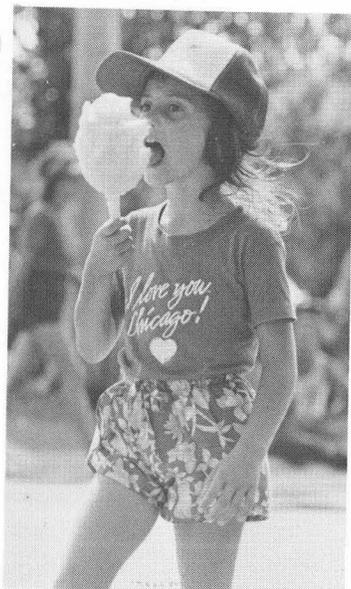
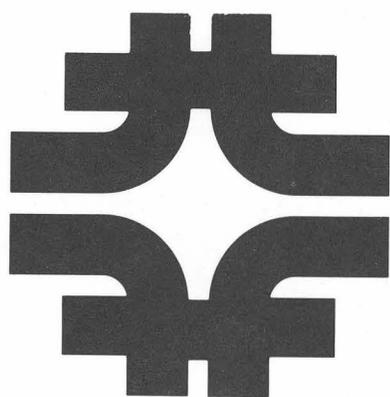
## SIX NEW MEMBERS ELECTED TO UEC

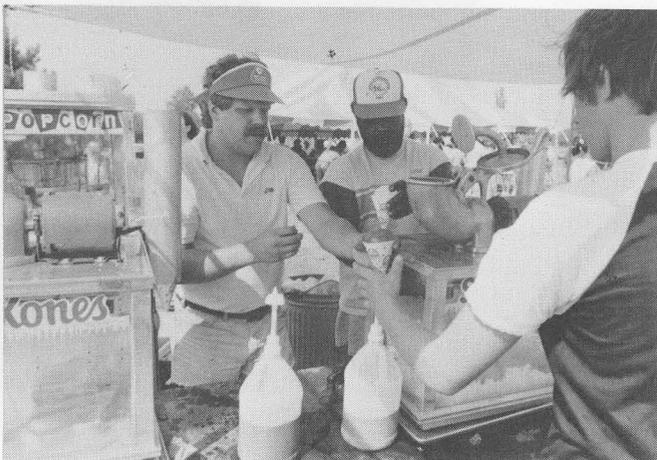
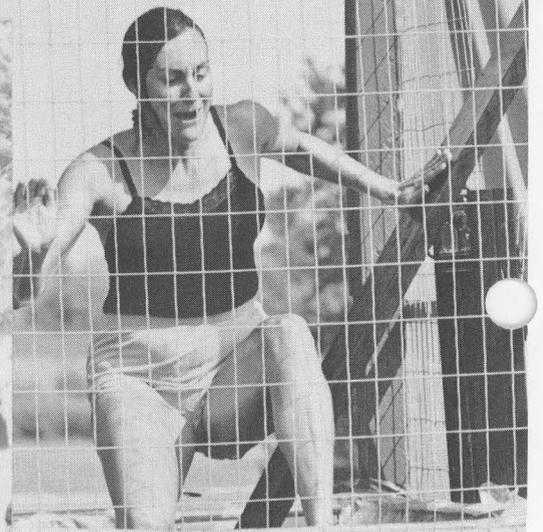
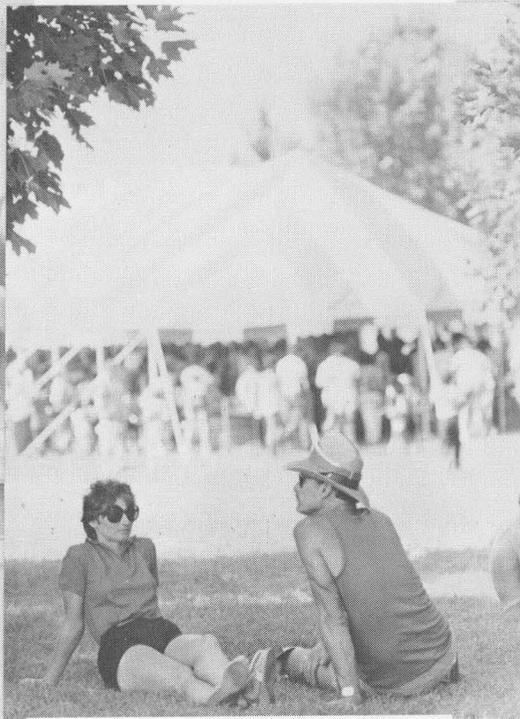
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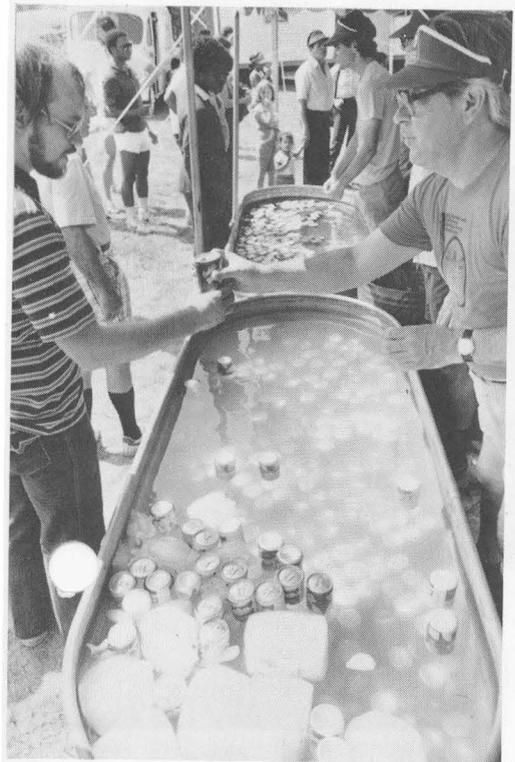
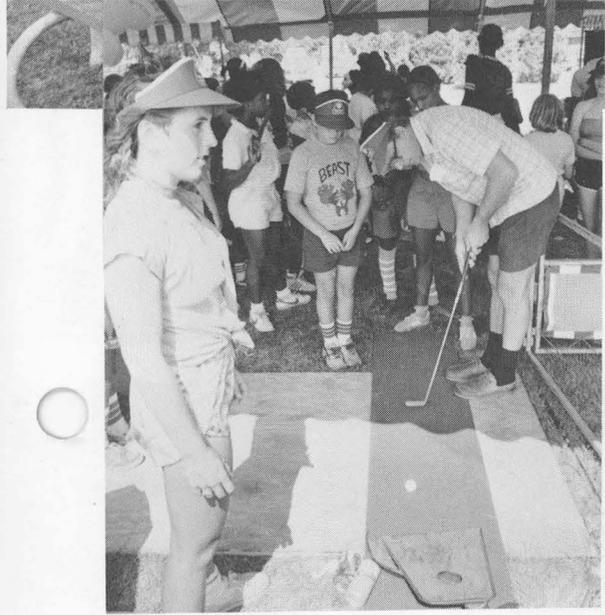
professional interest in the scientific program at Fermilab and may be obtained through the Users Office. The minutes of the meeting are distributed to all members of the Users Organization and are also available at the Users Office, WHIE.

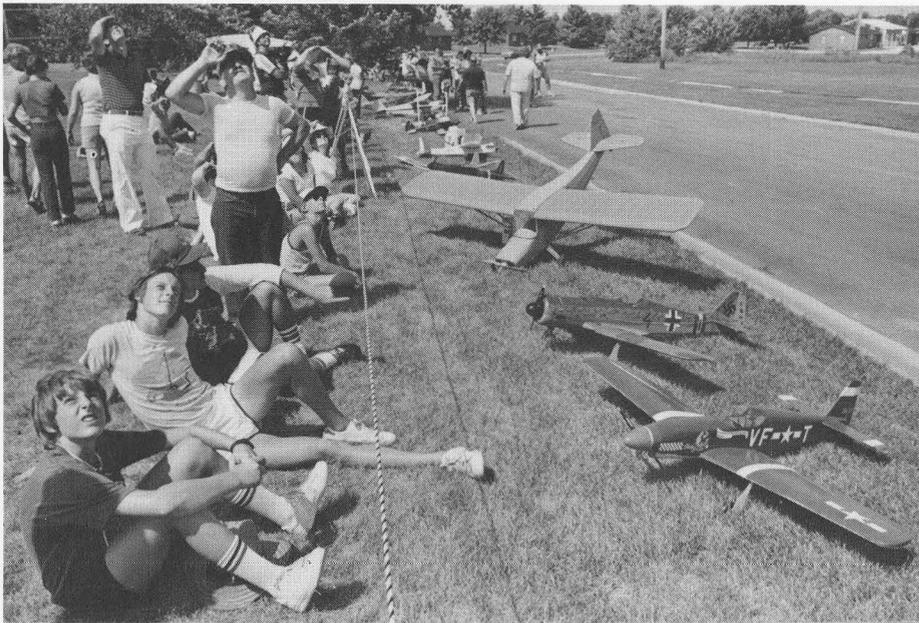


# FAMILY PICNIC '83









## CHILDREN'S CENTER VISITS FERMILAB FIRE DEPARTMENT



The Children's Center recently took a trip to the Fermilab Fire Department. The children were so interested in fire fighting that Chief Kramp issued each one a personal helmet. He expects lots of volunteers at the next fire! Adults from left to right are Linda Braddy, Mrs. Mitsuko Higashijima, Diane Carpenter, Patti Hedrick, Sue Hardy, and Mrs. Morizono.

## RESCHEDULED SCHWARTZ LECTURE HERE OCTOBER 7

by Jane Green

The media regularly report on risks that threaten everyone on a grand scale. Such topics as toxic waste, pesticide contamination, and radiation are headlined regularly. Why is it so difficult to think about these risks? This question will be explored on Friday evening, October 7, 1983, at 8 p.m. when Sorell L. Schwartz presents his rescheduled lecture, "How Risky is Risk? How Safe is Safe?" in Ramsey Auditorium. Originally, this Fermilab Lecture Series presentation was scheduled for April 29, 1983.

Dr. Schwartz's lecture will explain "risk assessment," the attempt to attach numbers to the various hazards around us. His discussion will focus on the judgments which we, the non-experts, can and should make, even in the face of incomplete information.

Schwartz, who is a Professor of Pharmacology at Georgetown University Medical Center, also serves as a consultant to such agencies as the National Institute

of Health, Environmental Protection Agency, Federal Trade Commission, and the U.S. House of Representatives Select Committee on Aging. In addition, he serves as Scientific Director for the Center for Environmental Health and Human Toxicology. With a number of his colleagues there, Schwartz has been particularly active in promoting public understanding of risk issues and in emphasizing the response and responsibility of each individual member of society.

Admission to Schwartz's lecture is \$2, \$1 for senior citizens. Persons holding tickets for Schwartz's April 29 lecture may present their original tickets at the door on this rescheduled date. Others wishing seats may purchase tickets at the Information Desk in the atrium of Wilson Hall, ext. 3353. Phone reservations are held for five days awaiting payment. Due to ticket demand, those reservations not paid for within five working days will be released.

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## CRAFT SHOW COMING OCTOBER 23

Attention all painters, photographers, sculptors, printmakers, weavers, woodworkers, potters, metalsmiths, stained glass, basket and batik makers, quilters, illustrators, fashion designers, and all other creators in the arts who just happen to be employed by Fermilab or who are members of a Fermilab employee's immediate family!

An Arts and Crafts Show featuring your work is planned for the week of October 23 through October 28. We hope to display the work of as many participants as possible; therefore there is a limit on the number of entries per participant. Only seven items per person will be accepted for display. Artwork should not have appeared in previous Fermilab art shows.

Applications are available from Marilyn Smith at the Information Desk in Wilson Hall. Applications must be turned in to her by 5 p.m., Friday, October 21. For further information, please call Sandra Cox, ext. 3211.

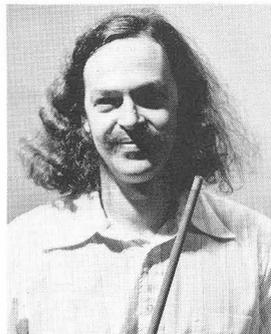
## ENGLISH CLASS STARTS SEPT. 22

A new session of English as a second language will commence on September 22, 1983, and meet each Tuesday and Thursday afternoon.

The beginning class will meet from 2 p.m. to 3 p.m. in the Snake Pit. The intermediate advanced class for women will meet 3 p.m. to 4 p.m. in the Snake Pit. Please note this is a change of time and date for the men's class. Fermilab guests and families may attend both the beginning class and one of the more advanced. Please see or call Joan Bjorken if you have any questions WH1E, ext. 3440.

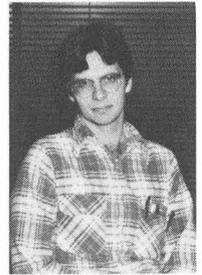
## COLEMAN WINS POOL TOURNEY

Rick Coleman, Experimental Areas, retrieved the Fermilab Pool Championship for 1983 by defeating 1982 Champion, Walter Coleman, Collider Detector Facility, in a match held at the Users Center in July. In a play-off for third place, Jim Fourmont, Plant Maintenance, defeated Jackie Coleman, Director's Office.



### *In Memoriam* John Smalley, 1955-1983

John N. Smalley died at his home on August 26, 1983, at the age of 28. He is survived by his wife, Janine, two brothers, and his mother and father.



John graduated from Northern Illinois University (NIU) with a Bachelor of Science in Biology. After his graduation, he was employed by Eberline, Inc. for three years where he performed analysis of environmental samples for radioactivity. He joined the Safety Section at Fermilab on March 10, 1980, where he did radiation monitoring and control, environmental and industrial hygiene sampling, and computer programming. His hobbies were photography and motorcycling.

He was working toward an advanced degree in Computer Science at NIU when he developed a malignant brain tumor in 1981. With the help of neutron therapy at Fermilab following surgery, John was able to remain working until June, 1983.

"John was a dedicated, intelligent, and highly motivated person," said Sam Baker, supervisor, and one of his many friends in the Safety Section. "He always did his best and more than was expected of him--and always with a smile."

A scholarship fund is being established in John's memory. Contact Jenny Rapovich, Safety Section, if you wish to make a contribution. Contributions may also be made to the Fox Valley Hospice, a group which provides assistance to terminally-ill patients.

## Congratulations To...

Kathy and John (Technical Support) Voirin on the birth of their first child, Erik Arthur, on August 23 at 3:37 p.m. at Copley Memorial Hospital in Aurora. Erik weighed 8 lbs. 5 oz.

Estella and Sekazi Mtingwa (Theoretical Physics/Tevatron I) on the birth of their second daughter, Sharifa, on June 18 in Palos Heights.