

# FERMINES

**Fermi National Accelerator Laboratory**

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*Softball all-star action*



*Leslie Renfrow, Miss Illinois--USA,  
about to sink Leon Lederman.*

## FAMILY FUN AT THE FERMILAB PICNIC



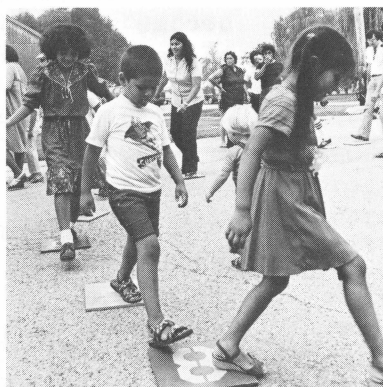
*One of the air show's spectacular highlights,  
a flying lawnmower. It belongs to Ray Barnes  
(not shown). Assisting him was Bill Harlinder  
(shown here). Both are members of the Aero  
Telemechanics Radio Controlled Flying Club.*



*Jim Fitzgerald watches a mighty toss.*

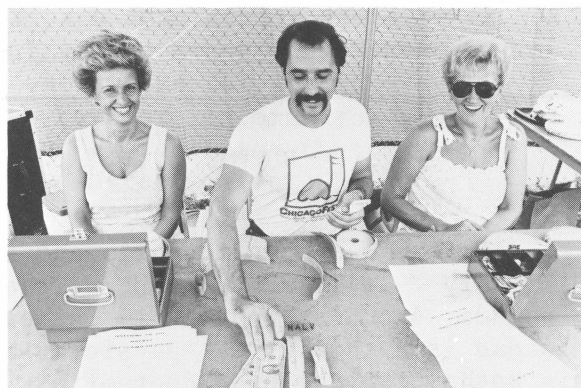


*Rose Muth with her fans.*



*(Above) Prancing at the cakewalk.*

*(Left) Self explanatory.*



*Now just what is it that Jean Plese (left),  
Mike Frett and Jo Baaske are after?*

### SOME NICE PIECES OF TURF

A small but dedicated band of Fermilab employees have decided to make the place where they work even more attractive. They've been at it for three years now.

They work in the Machine Shop in the Industrial Area. One of them, George Mikota, explained that their project "makes it nicer to come into work in the mornings. It has turned a drab-looking building into something much more attractive to look at. We've done it all on our own time: during breaks, lunch periods and sometimes in the mornings before work."

And just what is it that they've done? Plant small flower gardens around three sides of their building. Some of the flowers come from the Laboratory greenhouse and some were donated by employee Howard Fulton, who works in the Grey House across from the Machine Shop. "We started out with just a few flowers," said George, "and it snowballed and each year looks nicer."



*Beaming with pride next to their gardens are, from left, Rick Smith, Dean Validis, Don Champion (standing), Bill Leclercq, Bruce Howell and George Mikota. The trees in the flower gardens were planted during this year's Arbor Day and were provided by the Laboratory. The men are all with the Energy Saver Tooling Group, except Champion, who is with the Machine Shop.*

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### INJURIES TO HANDS AND FINGERS

Because of a recent surge in injuries to hands and fingers here, the Laboratory urges all employees to be alert to unexpected dangers while doing their jobs. Thumb and finger injuries ranked second in frequency in a list of work accidents compiled by the National Safety Council for 1979, the most recently tabulated year.

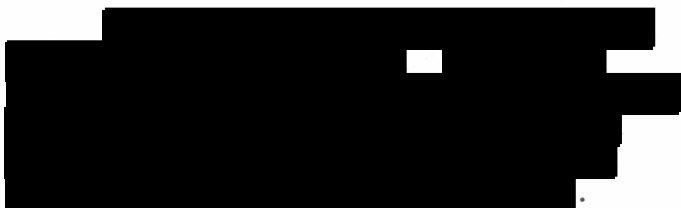
"While we are all alert to most of the obvious hazards around the workplace, many of us tend to ignore the everyday, commonplace actions that draw us into these injuries," said Jim Smith of the Safety Section. "Minor injuries should be taken as warning signals that a serious injury or amputation was probably just

barely avoided.

"What may not be obvious to us is that we can exercise a few controls that will drastically reduce or even eliminate these injuries." Smith recommended, for example, the use of personal protective equipment, such as gloves and insistence that machinery guards be in place. "The best guard though is yourself. Take a few minutes and think about your job functions, break them down into logical steps, and then ask yourself, step by step: Is it safe? This will soon become an unconscious habit that will pay off not only for you, but also for your co-workers and your loved ones."

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### BIRTHS



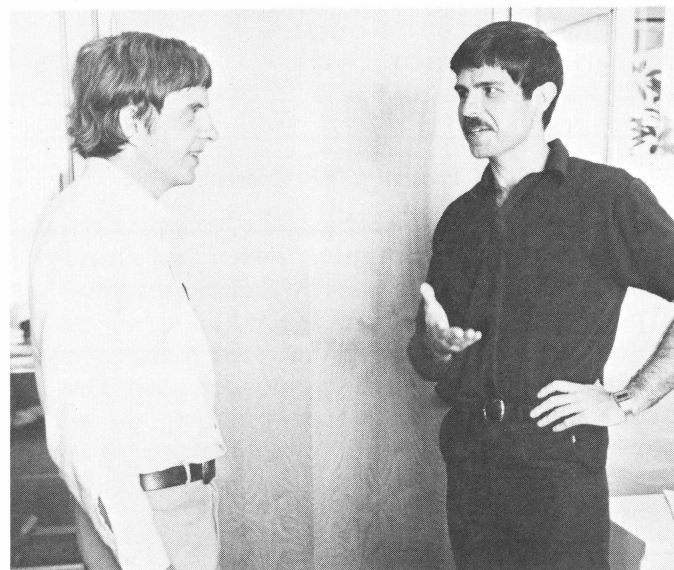
## COX HEADS RESEARCH SERVICES

Brad Cox has been named head of Research Services. His appointment became effective June 8. He succeeds Marvin Johnson who has taken on new duties in the Magnet Test Facility of the Energy Saver Division. Johnson had served as head since June 15, 1979.

In assessing the future goals of Research Services, Cox said, "I hope Research Services can maintain the level of technical excellence that Marvin Johnson established. I anticipate that Research Services will play an important role in the Saver and the new projects associated with it as well as the upgrading of the experimental areas and the experiments that will be mounted there in the near future. We expect to provide major help in the construction of the detector for the Collider Detector Facility. The challenge will be for Research Services to maintain and meld a detector research and development effort with these large projects. These are some of our biggest goals."

Cox first came to Fermilab in 1972 on a leave-of-absence from Johns Hopkins University in order to set up Experiment 95, a study of photon production in proton-nucleon interactions. A year later, he joined the Fermilab staff as a member of the Proton Laboratory. He participated in the construction of the Proton Area and the startup of operations with the first round of experiments. In 1975, Cox served as associate head of the

Proton Department, and in the period 1976-77, he served as department head. After his term as department head, he remained with the Proton Department working as project physicist for the design and construction of the High Intensity Laboratory. When the High Intensity Laboratory was successfully completed in 1978, he joined the Physics Section and devoted his time to Experiment 537. It utilizes the antiproton beam available in the High Intensity Laboratory to study the production of high-mass muon pairs in antiproton-nucleon interactions.



*Brad Cox (right) with Marvin Johnson*

## COLLEGE REPS TO BE HERE

Representatives from area community colleges will be at Fermilab Aug. 3-6 to talk with employees about courses, programs, majors and education-related topics.

Ruth Christ of the Fermilab Training and Education Office explained that this is "a pilot program. If our employees find that it is useful, then we will consider expanding it in the future to include other institutions."

The representatives will be in the alcove at the west end of the cafeteria in Wilson Hall from 11:30 a.m. to 1:30 p.m.

Christ reminded employees that they are eligible for Fermilab's tuition reimbursement program. This program will reimburse full-time employees for courses

and degree curricula that are related to the employee's current job or to a job the employee is seeking, she said.

It pays for 100 percent of the tuition, fees and required books provided the student successfully completes the studies. For more information about this program and the colleges that will be represented here, contact Christ at ext. 3793.

### The Schedule

- Aug. 3--College of DuPage
- Aug. 4--Waubensee Community College
- Aug. 5--Joliet Junior College
- Aug. 6--Elgin Community College



## A FIRST FOR FERMILAB

Bill King Yuen Ng and his wife, Ruth, have tentatively chosen the name of Enrico for their first son. They did it for two reasons.

Their son is the first baby ever to be born on the Fermilab site, and they felt it would be appropriate to name him in honor of the great physicist Enrico Fermi, for whom the Laboratory is named. The second reason that swayed them is that T. D. Lee, Bill's physics dissertation advisor, holds the Fermi Chair of Physics at Columbia

University. At the time this article was written (July 24), the family had not yet selected the full name they want their son to have.

The child, born 10 weeks prematurely on July 17 is doing fine at Central DuPage Hospital. Enrico was born about 5:30 a. m. at the family home in the Village. Emergency medical technicians from Fermilab and paramedics from Geneva Community Hospital assisted with the birth of the boy, who weighed 3 pounds, 9 ounces.

For Bill, it's been "wonderful for us" and "a miracle" that his son and wife have come through this remarkable event with their good health. Ruth is home now. The couple has a daughter, Julia, 4½. Dad is a physicist with the Accelerator Division. He's been with Fermilab since July 25, 1980.

*If you're patient, you'll all get to see Enrico. His dad has promised to let the Fermilab photographer take his picture after he comes home from the hospital.*

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## A HEARTY THANK YOU FROM NALREC

Members of NALREC, the organization that sponsors the annual Fermilab family picnic, thank the many volunteers who helped with the picnic. NALREC also extended its thanks to NALWO for making the popular cakewalk such a success, to the Fermilab Barnstormers for putting on another impressive air show, and to the security force who measured with its radar how fast people could throw a ball.

Nancy Shanahan, NALREC secretary, said, "We had hundreds of volunteers, and they all did a marvelous job. We also appreciate the many fine baked goods that were contributed to the cakewalk. Thank you, everybody."

## CHEZ LEON MENUS

- Aug. 5, 12:30 p.m., \$6--*Cream of Zucchini Soup, Pork Scallopini with Mushrooms, Steamed Broccoli with Butter, Marinated Salad, Raspberry Mousse with Fresh Raspberries.*
- Aug. 6, 7:00 p.m., \$10--*Marinated Mushrooms, Trout Stuffed with Crabmeat, Buttered Steamed New Potatoes, Julienne of Red Peppers and Zucchini, Lemon Dressed Green Salad, Melon with Lime Sherbet.*
- Aug. 7, 7:00 p.m., \$10--*Assorted Hors D'Oeuvres, Flaming Spinach Salad, Prime Rib of Beef, Yorkshire Popovers, Broccoli Timbale, Parsleyed New Potatoes, Fresh Strawberry Cheese Cake.*

## BUFFALO CHIPS PUMMELS BALL BEST

Buffalo Chips finished on top at the end of round 1 in the Fermilab Recreational Volleyball League. Led by team captains Angie Velasquez and Sue Grumboski, Buffalo Chips completed the first round with 13 points.

The other teams, their points and captains are Alcoholics Anonymous, 10, Don Rapovich; Team IV, 10 (tied with AA), Laura Sedlacek; Team II, 7, Mark Vineyard; Dirty Dozen, 4, Louis Navarro and Marilyn Smith; and Tusch and Tuschies, 1, Claudia Foster.

## RUNNING CLUB TO SHOW SHEEHAN FILM

The Fermilab Running Club will show "Coping With Life on the Run," a film featuring Dr. George Sheehan, internationally recognized authority on this subject.

The program--open to everyone--will begin at 11:30 a.m. on Aug. 6 in the WH1W conference room. Tom Brunick, one of Chicagoland's top running coaches, will be making his third appearance here. He will lead a question-and-answer session following the movie. The program is expected to run about an hour. Suzanne Gronemeyer, president of the club, described Brunick as "one of the best around."

## PUBLICATION DATA

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