



## Prairie Interpretive Trail Named in Honor of Margaret Pearson

In recognition of her years of devoted service to Fermilab, the interpretive trail through the restored prairie next to outbound Pine Street will now be named for Margaret Pearson, the long-time Manager of the Public Information Office, who is currently on long-term disability status. In late December, the Prairie Committee unanimously recommended to the Directorate that this action be taken. When weather permits, a new plaque dedicating the Margaret Pearson Interpretive Trail will be placed at the trail head.

In the planning stages for three years, the trail was formally opened in June of 1989 in conjunction with the dedication of the entire Fermilab site as a National Environmental Research Park. Working with other members of the Fermilab community, Margaret has been instrumental in developing the reports and application documentation that assured the research park designation.

The prairie restoration project at Fermilab was first unveiled to the public in February of 1974 and Margaret Pearson was named a member of the first prairie committee. She is the only original member left on the committee.

The Margaret Pearson Interpretive Trail is a half-mile loop featuring a dozen signs designed to explain the various sights and sounds of the prairie. This loop is currently covered with wood chips but the hope is that it will ultimately be surfaced with a fine, packed gravel so as to be suitable for wheelchair traffic. In addition, there is a 1.2-mile outer loop which takes the more adventurous further out into the prairie.

Open to the public during all daylight hours, the trail gives visitors a unique opportunity to learn about the grasses, flowers, birds, and insects that populate the prairie. In its first season, the Margaret Pearson Interpretive Trail has seen extensive use

from prairie experts, casual observers, family groups, and school groups.

With her literary flair, her love of nature, and her sound knowledge of the prairie ecosystem, Margaret is recognized as the prime mover in the realization of the trail.

Dr. Robert Betz, biology professor at Northeastern Illinois University and the chief professional advisor for the Fermilab prairie restoration project, credits the very existence of the interpretive trail to Margaret's dedication and determination. "Her persistent commitment to the whole concept of an interpretive trail is what kept us going," he said.

Finley Markley (TS), current chair of the Fermilab Prairie Committee, sees the naming of the trail in Margaret's honor as a fitting recognition of and appropriate tribute to her energy and enthusiasm for the now 15-year-old Fermilab prairie restoration project. - Barbara Lach

## Fermilab Honored for Energy Conservation by Association of Energy Engineers

Fermilab Director John Peoples delivered the keynote address at the 1989 Association of Energy Engineers (AEE) energy awards banquet at Moraine Valley Community College in Palos Heights, Illinois. The event, which is also sponsored by the Greater Chicago Use Energy Wisely Committee and the Department of Energy (DOE), is held annually to recognize and honor individuals, institutions, and industries for their efforts and achievements in energy conservation and energy management. More than 100 energy professionals from the Chicagoland area were present to hear Peoples outline the Fermilab mission, its development



of superconducting technology and the Tevatron, and his message of the importance of using energy wisely and efficiently in high-energy physics.

Peoples emphasized that energy conservation at Fermilab was ongoing, with DOE having funded \$7 million in energy conservation retrofit

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projects over the past several years, which have resulted in an annual en-

"Energy" cont'd. on page 2

## Upcoming Arts and Lecture Series Events

### **A Soldier's Play - February 24 - \$13**

"A powerful warning against fanaticism, no matter how just the cause."

Winner of the 1982 Pulitzer Prize, *A Soldier's Play* is dramatic writing of the highest order. Author Charles Fuller brilliantly evokes the hot-house world of Fort Neal, an army post set deep in rural Louisiana, in the year of 1944, with all its tensions, routine, and ribald barracks humor. Blues-singing country boy CJ, twisted Sergeant Waters, whose murder is being investigated, the quirks and clashing egos of the lowly privates, and the passionate figure of army lawyer Richard Davenport cross paths and

merge together to tell a compelling story. Daedalus Productions has produced this touring theatrical presentation.

### **Richard Wilson, "Nuclear Power After Chernobyl" - March 2 - \$2**

Professor Richard Wilson, Malinckrodt Professor of Physics at Harvard University, has served on advisory councils concerned with energy and the environment for the past 25 years, including the National Science Foundation Physics Advisory Panel and the Nuclear Regulatory Commission. He was among the scientists invited to assess effects of the Chernobyl accident and form policy for the American nuclear industry, and will be presented with the American Physical Society Forum Award for pioneering work on reactor safety and comparison of risks from various energy sources.

Wilson will present a lecture at Fermilab entitled "Nuclear Power After Chernobyl."

Call ext. ARTS for further information. Due to demand, reserved tickets for Arts & Lecture Series events are held for five working days before being released for resale.

- Tammey Kikta

### **C. Hill Elected to APS Fellowship**

Christopher T. Hill of Fermilab's Theoretical Physics Department has been elected to the status of Fellowship by the American Physical Society (APS) "For elucidating the mechanisms shaping the spectra of ultra-high energy cosmic rays and neutrinos, and for contributions to the understanding of nonleptonic weak interactions."

The APS designates for Fellowship "only those members who have contributed to the advancement of physics by independent, original research. . ."

## **In Memoriam**

Lester Bradstreet

1924 - 1989

Lester Bradstreet, Fermilab I.D. #856, passed away on November 25, 1989.

Mr. Bradstreet, who was with the Technical Support/Engineering Group, had been employed at Fermilab since 1970. He is survived by John Bradstreet, David Bradstreet, and Carol Wilbanks.

### **"NOVA" to Spotlight HEP Research**

"NOVA" will present a program entitled "Race for the Top" on Tuesday, January 23, 1990, at 8:00 p.m. on WTTW-TV, channel 11 in Chicago.

"Race for the Top" will feature high-energy physicists around the world who are engaged in the search for the elusive top quark. The production team from Chedd-Angier Production Company of Canada spent several days filming the Collider Detector at Fermilab experiment for inclusion in the program.

### **"Energy" cont'd. from page 1**

ergy cost savings of \$3 million. Currently, we have 11 retrofit and metering projects totalling \$1.5 million which are in various stages of design or construction, and which are projected to produce an annual operating cost savings of \$792,000. FY 1990 DOE funding in the amount of \$810,000 was requested for six additional retrofits which will produce an annual energy cost savings of \$310,000. FY 1991 funding has been requested for a \$1 million retrofit project to convert the HVAC systems for the five Industrial Complex Buildings from electricity to natural

gas. DOE has also provided FY 1990 funding for four engineering feasibility studies which could produce future energy conservation retrofits.

Peoples pointed out that several of the retrofit projects were the result of suggestions received through the Fermilab Employee Energy Conservation Awards Program, which offers cash awards of up to \$5000 for suggestions which have been evaluated and recommended for adoption. He reported that in FY 1989, a total of \$18,670 in employee cash awards was made in response to suggestions with projected annual electrical savings of 17,800 megawatt hours and an annual net cost saving

of \$647,000.

Other Fermilab attendees at the banquet were Norman Hansen, DOE Batavia Area Office, and Bill Riches, Energy Conservation Coordinator. Riches was the recipient of the 1989 AEE Energy Manager of the Year Award in recognition of his energy conservation and energy management activities and achievements during the past year.

Riches reports that at the December 1989 meeting of the Employee Suggestion Awards Committee, 36 new energy conservation suggestions were reviewed and referred for evaluation and possible future cash awards. - Bill Riches



## —Benefits Notes—

### U. S. BONDS: NOW TAX-FREE FOR EDUCATION

If you have children — or if children are in your future — it is not too early to plan for their education. Fortunately, a recent law has added a new feature to the Series EE Savings Bonds, making it a little easier to save for your children's higher education.

The Series EE Savings Bonds are already exempt from state and local income taxes, and now interest earned on Series EE Savings Bonds purchased on and after January 1, 1990 will be exempt from federal income tax when they are used to pay tuition and fees at colleges, universities, and qualified technical schools.

To find out more about this program, which is available through payroll deduction, a representative from the U.S. Department of the Treasury will be here to present the program and answer any questions that you may have. Ask your supervisor if you can attend one of the two informational meetings scheduled for: Tuesday, January 30, 1990, at 10:00 a.m. and 2:00 p.m., Curia II, WH2SW.

It is never too early to plan for your children's education, and the convenience of payroll deductions makes it easy to save.

— Paula Cashin

## Fermilab Car Club

Attention all "doityerselfers." Join the Fermilab Car Club and you, too, can have access to a warm, dry place where you can fix your car to your heart's content at your convenience. Sign-up begins January 22, 23, and 24, 1990 from 12:00 noon until 1:00 p.m. in front of the Users Office, WH 1E. The fee is \$25.00 for two years (two-year membership only). — John Brown

Rank of the 1986, '87, and '84 Chevy Camaro, among cars most often stolen: 1,2,3

— from Harper's Index

## PC Repair Facility Ready to Serve and Inspect

The personal-computer repair facility is located in the Feynman Computing Center, third floor east.

We do repairs on the IBM PC, PC-XT, PC-AT line of personal computer as well as the IBM PS/2-30, PS/2-60 and PS/2-80, and user-purchased upgrades on the Apple Macintosh line of personal computers as well as the AST Premium 286 (IBM PC-AT clone). All repairs are done on the premises. The P.C.'s must be carried to FCC3E when repairs are needed. The objective is to have the PC up and running in minimum time.

The IBM's, AST's and Mac's must be Fermilab property. No repairs will be done on individually owned personal computers. We will not service non-Apple external disk drives purchased from discount vendors.

Contact Dick Adamo, FNAL:ADAMO, ext. 3180 or the Personal Computer Carry-In Facility at ext. 2719. Call if you have any questions.

PC Carry-In hours are 8:30 a.m. to 4:30 p.m. Monday through Friday. Closed during lunch, 11:30 a.m. to 12:30 p.m. — Dick Adamo



## —Security Subjects—

### "ABANDONED" VEHICLES SUBJECT TO TOW

The winter season accentuates a year-round problem at Fermilab - abandoned or unused vehicles. It is not unusual for a survey of Fermilab's many parking lots to show one- to two-dozen vehicles that have not moved in several days (or only move from spot to spot occasionally), are not properly licensed, or whose condition indicates the vehicle does not meet Illinois Vehicle Code standards. These vehicles, besides being possible eyesores and attractive nuisances, take up valuable parking space and become both hazardous and expensive during snow plowing operations.

The Security Department (SD), upon recognizing such a vehicle, cites it as "suspected abandoned" and a Security Tow sticker is applied to the driver's-side window. An attempt to contact the registered owner is made. If the person responsible for the vehicle has not removed it from Fermilab property within the allotted number of days, as noted on the tow sticker, the vehicle is towed by Fermilab to a designated lot in the Village. A procedure is then initiated with the DuPage County Zoning Department to have the vehicle removed from Fermilab property and disposed of in accordance with county ordinances and Illinois State Statute 951/2, Section 4-200. During this procedure, further attempts are

made to contact the registered owner. Before the vehicle is turned over to DuPage County, a letter is sent to the registered owner and to his/her Department Head, if an employee, or to the User's Office, if he/she is a user.

The SD prefers to work with the person responsible for the vehicle, to have it removed voluntarily before towing becomes necessary. There are several options from which an employee or user can choose to avoid having a vehicle towed: 1) If you are going to be away from the Lab on business for an extended period of time and must leave your vehicle on site, register with the Communication Center for the long-term parking program. The long-term parking area is in the Village behind 32 Sauk. 2) If your vehicle breaks down on site, notify Security as soon as possible giving the location, description, license plate number, and your time estimate for having the vehicle removed. 3) If your vehicle is cited as "suspected abandoned" call Security - we don't like to tow vehicles or turn them over to the county - we will work with you. 4) Don't use Fermilab property as a storage area for vehicles you do not normally use.

Please help us keep our parking lots accessible, safe, and available for all authorized uses and functions. — Bill Flaherty



## URA Scholarship Applications Due

Candidates for Universities Research Association (URA) scholarships are reminded that applications are due March 1, 1990. Applications are available from, and should be returned to, Personnel Services, MS 113, ext. 4367.

Scholarships are awarded on the basis of SAT (Scholastic Aptitude Test) scores.

URA awards a number of scholarships to full-time Fermilab employees' children who are currently high school seniors and who will begin a four-year college degree program next fall. The maximum amount of the scholarship is \$3000 for tuition and fees, and is renewable for four years if the student progresses in good academic standing.

Applicants will be notified regarding the scholarships in early April.

## —The Activities Office

### AEROBICS CLASSES

Low-impact aerobics classes will be offered at the Fermilab Gym beginning Monday, January 29, 1990, at 5:30 p.m. The objective of low-impact aerobics is to raise the heart rate for cardiovascular benefit without the jumping and bouncing movements often associated with traditional aerobics. One foot is always kept on the floor. Hand-held wrist weights can be added for an additional challenge as the exerciser's fitness level improves.

In addition to the aerobics section of the class, floor exercises for toning and firming the abdomen and lower body, and stretches for flexibility will be included.

If necessary, class size will be limited according to the sign-up order. If you're interested, please inquire.

**When:** Monday, Wednesday, and Thursday, 5:30 p.m. to 6:30 p.m. beginning Monday, January 29. **Where:** Fermilab Gym, Exercise Room (mats provided). **Who:** Fermilab employees and users with gym membership. **Fee:** \$1.00 per class.

For more information, call Jean at ext. 3126 or page 235. - Jean Guyer

### TEAM 7 WINS VOLLEYBALL LEAGUE

The purple haze seen enveloping the volleyball courts this summer was not a result of an invasion by the California Raisins or the Purple People Eaters, contrary to popular speculation. Upon closer examination, it turned out to be Team #7, first place winners of the Fermilab Summer Recreation Volleyball League, attired in their unmistakable purple shirts, compliments of West Elston Electric Company. Captained by Sue Grommes, they ended the season with a win-loss record of 20-4.

- Sue Grommes



Members of Team 7 include: (first row, l. to r.), Bob Sickles, Ray Riordan, Guy Farnsworth, Jeff Dement; (second row, l. to r.), Steve Frothingham, Sharon Austin, Sue Grommes, Sharon Koteles, Ken Weber, and Doug Booth. (Not pictured: Al Johnson and Jeff Kowalik.)

Percentage of the insecticide used in the U.S. that actually reaches a targeted insect: .003 Ratio of the earth's human population to that of its termite population: 1:10 Number of suckers born during the 1980s, according to P.T. Barnum: 5,260,320

## —Classified Ads—

### FOR SALE

#### MOTORIZED VEHICLES:

1984 VOLVO DL WAGON, California Car, 55,000 original miles, A/C, AM/FM cassette, auto., luggage rack, excellent condition. Must sell \$8,000 or best offer. Call Nancy 879-2442 Tues., Wed., Fri., and weekends day or night.

1979 FORD F-150 SUPERCAB P/U, 6 cyl., auto., 8-ft bed w/cap, snow tires, new front tires, excellent runner, \$1,800 or best offer. Call Dick at ext. 3982.

1987 PONTIAC BONNEVILLE SE SPORTS SEDAN, V-6-EF1, 4-speed auto., floor console, power sun roof, power leather seats, tilt, cruise, air, custom stereo cassette, every extra, mint condition, 39,000 miles, new brakes, factory warranty, \$10,900. Call Bill Riches at ext. 3779.

#### MISCELLANEOUS:

DEE ZEE RUNNING BOARDS for full-size Chevy pickup, \$60. 1 UNIROYAL LAND TRACK ALL-TERRAIN TIRE AND RIM, 10-15-LT, for 6-bolt Chevy, never used, was spare, \$40. 4 MICHELIN BR78-13X RADIALS, \$30 for all. DP RACER 200 EXERCISE BIKE, \$25. CAR SEAT, infant to 45 lbs, \$5. HIDE-A-BED SOFA, earth tones, fair condition, free if you haul it, \$20, I'll haul it. Call Scott Hawke at ext. 4635.

## —New Items In Stock

Adhesive, Epoxy kit, 2 tubes, 3M Scotch-Weld structural adhesive, 3.6 fl. oz net, # 1930-0600.

Ballast, fluorescent lamp, cold weather, 0 deg. f., rapid start, 2-lamp, 40 watt, 120 volt. #1135-0400.

Valve, needle, in-line, brass, 3000 psi, 1/4-in. MNPT x 1/4-in. FNPT. #1075-0225.

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