

# The Village Courier



fermi national accelerator laboratory

Operated by Universities Research Association Inc.  
Under Contract with the U.S. Department of Energy

Vol. 10, No. 16

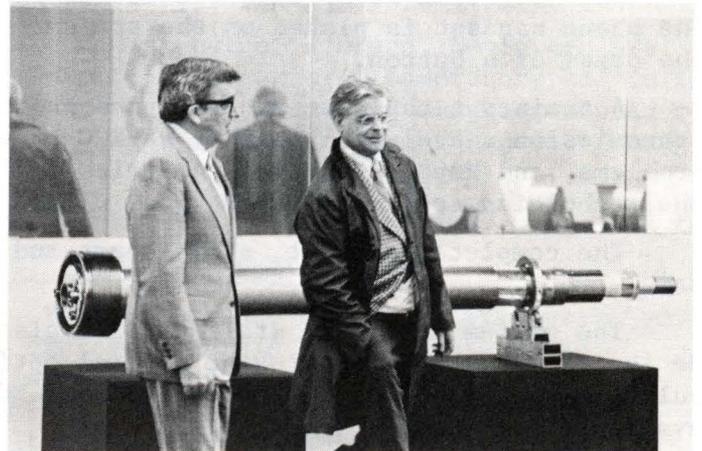
April 20, 1978



...Mike McCormack comes to Fermilab...



...Viewing site model are (L-R): R.R. Wilson, M. McCormack, E. Goldwasser, J. McCook...

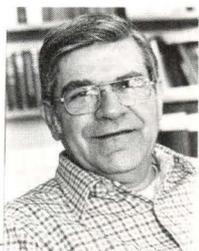


...Rep. McCormack (L) and R.R. Wilson inspect magnet...

## REP. MCCORMACK VISITS FERMILAB

Fermilab played host to Rep. Mike McCormack (D-Wash.) Monday, April 10. Mr. McCormack is a member of the House of Representatives' Science/Technology and Public Works/Transportation committees. Escorting him on a Laboratory mini-tour were R.R. Wilson, Director; E.L. Goldwasser, Deputy Director; and John McCook, Associate Director for Administration.

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...F.Mills...

## MILLS SPEAKS AT APS MEETING

Fred Mills, assistant leader, Antiproton Cooling group, will speak at the 1978 spring meeting of the American Physical Society. Sessions will be held April 24-27 at Washington, D.C. Mills will speak at a Tuesday, April 25, afternoon session honoring G.I. Budker, pioneer in development of electro-nuclear accelerators. Mills will be among reviewers of physics developments based on Budker's work. Norman F. Ramsey, president of Universities Research Association, Inc., is president of APS.

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## DR. LANG'S ELECTRONIC 'INTERN'

Coronary care by computer has come to Fermilab.

Borrowing a leaf from Fermilab's physicists, Laboratory physician Dr. Charles Lang reports that the Medical Office has joined Phone-a-gram System, a national electrocardiogram (ECG) diagnostic service.

Telephone lines are used to provide computer-processed ECG analysis . . . and an instant second opinion in emergencies. "It is a cost effective coronary care system," Dr. Lang says, "because it upgrades the overall quality of ECG interpretations and saves staff time."

Equipment includes a portable automatic transmitter/recorder and a personal hookup into the national system. The system receives, converts, processes, analyzes and prints out all ECG information for ready reference. The equipment, attached to a standard office phone, transmits in 75 seconds data from a patient in the Medical Office to a system data center in San Francisco, providing a 12 lead strip chart and computer printout interpretation.

According to Dr. Lang, this is the procedure:

A patient is prepared for the ECG by attaching electrodes to the chest, arms and legs in the usual manner.

The attending nurse uses the office phone to dial (toll-free) the system data center. The phone handset is placed on the transmitter unit and the ECG is moved electronically at the press of a button.

A trained technician receives and processes computer-interpreted ECG's. He monitors transmissions, evaluates quality of ECG tracings, identifies and solves common technical problems, and handles special inquiries and requests. (In an emergency, or when requested, the technician calls the report back within minutes.)

The complete printout, strip chart and analysis are mailed to the physician the same day.

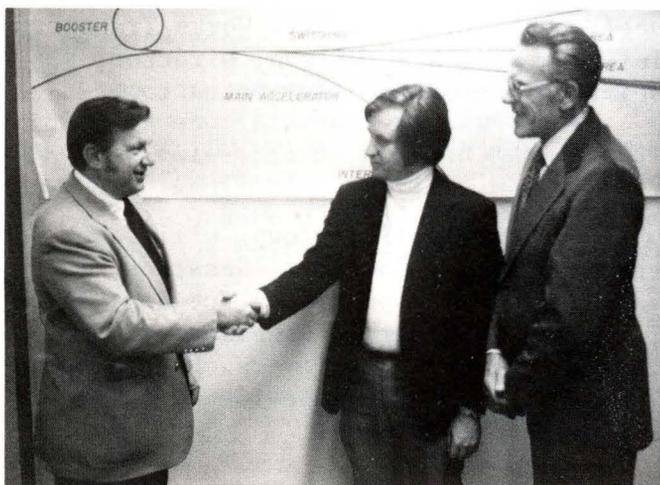
The system employs a staff cardiologist who automatically reviews ECG's when necessary. He is also available to provide special optional services, including offering phone consultation service. Serial comparisons of ECGs and pediatric ECG interpretations are also available.

Before joining the system, a week was required to obtain an expert second opinion Dr. Lang said. He added that the equipment will aid nurses in diagnosing employee heart ailments during Medical Office afternoon hours when he is not in.

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...Computer coronary care hookup is shown by (L-R) D. Poll, G. Orr, C. Lang, M.D...



## WAGNER, SOBOCKI REELECTED

Ralph Wagner (Personnel) and Larry Sobocki (Internal Target) were reelected to one-year terms as Argonne Credit Union directors at the 1978 annual meeting. The session was the first annual meeting held here in the ACU's 28-year history. A buffet preceded the business meeting held in Curia II. ACU President Joanne Day reported 1977 growth statistics: membership up by 300 to 6,850; shares (savings) increased \$806,000 to \$11,103,501; and 15.8 percent growth in loans, over a \$1 million increase. In photo at left, J. Chonko (L) congratulates R. Wagner, L. Sobocki.

## SCIENCE: A FAMILY AFFAIR

Budding scientists are among children of Fermilab employees.

And their interest in chemistry, biology and geology took them to the 1978 annual regional exhibition of the Illinois Junior Academy of Science April 8 at Illinois Institute of Technology, Chicago. Of over 600 entrants, Fermilab related contestants were: Brian Ankenbrandt, son of Chuck Ankenbrandt (Booster Group Leader); Karen Bardeen, daughter of William Bardeen (Theoretical Physics); Kendra Brenner, daughter of Al Brenner (Computing Department head); and Greg Turkot, son of Pat (Public Information) and Frank Turkot (Main Ring group leader).



B. Ankenbrandt K. Bardeen K. Brenner G. Turkot

Brian, Karen and Kendra are seventh grade students at Hadley Junior High, Glen Ellyn; Greg is in seventh grade at Edison Junior High, Wheaton. Ankenbrandt's project, "Effect of Vitamins on Bacteria," was judged outstanding. It will be among projects advancing to state finals at the University of Illinois, Champaign, on Saturday, May 13.

Awarded blue ribbon "firsts" at IIT were Bardeen's and Turkot's projects, "Growing Ammonium Alum Crystals from Solution" and "Stalactites and Stalagmites." A second prize was won by Brenner for her "Density and Divers" project. Each had qualified for semi-finals at IIT by winning local school preliminaries.

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## MEMO TO BIKERS

Spring is finally here . . . and bicycles are coming out of storage. Employees are reminded that bike parking areas are provided in front of the Central Laboratory and in the basement of the Central Laboratory. As a courtesy to fellow employees, bicycles should not be parked inside the Central Laboratory or taken up elevators, which are frequently damaged in the process.



...G. Doyle and Fermilab rental fleet...

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## AHOY! FERMILAB FLEET FOR RENT

Four canoes and a rowboat are available for employee rentals, says George Doyle, Village Services. The recreation craft are aluminum. Each canoe can accommodate three adults; the rowboat is 14 feet long. Rates are: Hourly--\$2; Daily--\$5, 8:30 a.m. to 4:30 p.m.; Weekday evenings--\$5; Weekend--\$44, from 4 p.m. Friday to 9 a.m. Monday (weekend rentals returned after 9 a.m. Monday subject to an extra \$5 charge). A canoe trailer is available for \$1 per day rental. Oars/paddles and a limited number of life preservers are available for free loan. Maximum rental period is two weeks. Boaters must sign a rental agreement when picking up equipment at 30 Sauk, in the Village. To make reservations, or for more information, call Village Services at Ext. 3421.

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## SPEAKING OF WATER SPORTS . . .

Boating is not permitted in the Main Ring pond, Casey's pond or the reflecting ponds facing the Central Laboratory. Motorized boats are not permitted anywhere on site. Fishing is permitted on site by employees and the general public. Proper licenses as stated in State of Illinois statutes are required. Fishing is permitted on all but the following lakes and ponds: Main Ring pond, Reflecting ponds, and in the Village, the duck pond by Lab 6 and the fire pond off Potawatomi Road.



IN MEMORIAM

Erich Laukant  
November 11, 1919 - April 17, 1978

Erich Laukant, a Fermilab engineer since 1968, died Monday at his Wheaton home. He was 58. Mr. Laukant had served in the Technical Services Division Plant Support group since 1972, coming from the Accelerator Division's Main Ring Group. He was among 10-year service award winners honored at a March 16 luncheon. He joined Fermilab after an 11-year career at Allis Chalmers Co., Milwaukee. A registered engineer in Wisconsin, his early training was gained at the state engineering school in Kiel, Germany, and supplemented with courses from Marquette University and Milwaukee Institute of Technology. Born in Germany, he became a naturalized U.S. citizen in 1962. Survivors include his widow, Herta, and a son, Ralph. Memorial services were held at 8 p.m. Thursday (April 20) at the Hannerhoff Funeral Home, Wheaton.

Bill Riches, Plant Support head, commented, "During his five years' employment in the Utilities Management Section, Erich was well liked and highly respected by all of his associates in Technical Services. He was a very conscientious and dependable engineer and made many important contributions to the operation and improvement of the Fermilab sanitary treatment system. Erich was also responsible for the water treatment of the many cooling pond systems on the Site and operated our water testing laboratory. He was licensed by the State of Illinois as a Public Water Service Operator. We will all remember Erich as a good friend and as a valuable associate."

O'HARE BUS SERVICE EXPANDED

Continental Air Transport Co. has announced increased Fox Valley-O'Hare Airport bus/limousine service effective April 8. Schedule additions include: (1) Saturday morning service; (2) 7 a.m. to 11 a.m. bus service to O'Hare; (3) Late evening service from O'Hare to the Fox Valley.

The new schedule, effective April 8, includes:

TO O'HARE

Depart Aurora  
Holiday Inn

(new) 6:30 a.m. (Mon.-Sat.)  
(new) 9:05 a.m. (Mon.-Sat.)

Depart Aurora  
Hilton

6:35 a.m.  
9:10 a.m.

Depart Batavia

Depart Geneva

Depart St. Charles  
Ramada Inn

Depart  
Pheasant Run

Arrive  
O'Hare

6:45 a.m.  
9:15 a.m.

6:50 a.m.  
9:20 a.m.

7:00 a.m.  
9:30 a.m.

7:05 a.m.  
9:35 a.m.

8:00 a.m.  
10:30 a.m.

The balance of the schedule remains unchanged. No changes in bus schedule from O'Hare to Aurora.

Limousine service added April 8 consists of 8 p.m. to 10 p.m. service Monday through Friday via chauffeur-driven limousine. "Door to Door" service--from O'Hare to passenger's home or hotel--will be offered for \$15 for first person. Maximum waiting time will be 40 minutes to facilitate multiple loading of the vehicle. To arrange service, passengers arriving at O'Hare should contact Continental's Ground Transportation counters in the lower level at United and American terminals.

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SET YOUR CLOCKS BACK SUNDAY

We all will lose an hour's sleep this weekend. Following the "spring ahead, fall back" tradition, daylight savings time will arrive with the annual setting ahead of clocks Sunday, April 23.

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