

# The Village Critic



fermi national accelerator laboratory

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## AURORA STUDENTS TRAIN FOR JOBS AT FERMILAB

Twelve young men and women from Aurora, Illinois are being trained at Waubensee Community College for work at Fermilab, under a new electronics program possible through the Comprehensive Employment and Training Act of 1973. They will join the Laboratory on April 1, 1975. The C.E.T.A. program succeeds the Training and Technology (TAT) project in which the Laboratory participated from 1969 through 1974. In those six years seven groups of men and women from the Chicago metropolitan area were recruited by the Laboratory and trained for six months at special facilities at the Oak Ridge National Laboratory, Oak Ridge, Tennessee. When they completed their training they returned to positions at the Laboratory.

Jim Thompson of Fermilab's Personnel Office, in conjunction with the Fermilab EEO Office, was responsible for recruiting and selecting the members of the current class. Warren Cannon and Roy Rodriguez of the EEO Office serve as contacts with the CETA trainees. Ruth Thorson of Personnel Services has coordinated curriculum and negotiations with CETA representatives.

Formal training of the class began last October; it will finish in April. In a typical day's routine, the students report each morning to the CETA headquarters at 63½ South Broadway in Aurora. During the morning they work on homework in peer groups or with the counsel of CETA or Fermilab EEO staff on both academic and personal problems involved in their progress.

At noon they travel to Waubensee College in Sugar Grove, for five hours of classroom training. In the course of the six months' program they will learn about vacuum tubes and transistors, basic power supplies, and testing equipment. They will have been exposed to digital logic, integrated circuits, printed circuit board layout, and electronic drafting. They will be taught to use hand tools, soldering techniques, and small machine tools. The layout and fabrication of chassis and metal assemblies will be presented to them.

Both TAT and the CETA programs were established to provide training and employment opportunities for unemployed and underemployed people who show potential and aptitude for the technical positions available with such



...Mr. Harold White, Waubensee instructor, addresses the CETA Electronics Class...



...Studying schematics are J. Terrell (L), D. Wright...



...M. Britton and D. Chasco reviewing assignments during study hall...



...L. Jenkins (L) and J. Richardson set up power supply...

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STUDENTS TRAINING (Continued)



*...Entire CETA Class - (standing L-R) Leonard Jenkins, Paul Irvin, James Berry, Eugene Howard, Richard Rodriguez, Jacoby Richardson, Jeneen Irvin, Raymond Lee, Mercedes Britton, David Chasco, Ernie Salinas; (sitting L-R) David Wright, Janelle Terrell, and Paula Irvin...*

employers as the Fermi National Accelerator Laboratory. The main difference between TAT and the CETA programs is that CETA's funding is on a revenue-sharing basis with local governments, while TAT was a federal program funded and supervised by the Department of Labor. Local representatives in Kane County have worked out a program mutually satisfactory to the county and Fermilab. The new program was born of this agreement.

The students have visited Fermilab twice. These field trips are arranged so that they will be familiar with Fermilab surroundings when they report for work at the Laboratory. Those who satisfactorily complete the CETA course work will become Lab Assistants at Fermilab.

Joyce Downs, head of Fermilab's EEO Office, evaluates the progress of the new CETA program, "After five years of successful TAT programs, there was naturally some apprehension about the change to the CETA plan. We have now completed four of the six months' training period under the CETA plan, and we are more than pleased with the progress of the trainees and we are delighted with the cooperation and accommodation we have enjoyed from the CETA staff and Waubensee College. I have every reason to think this will be one of the best classes Fermilab has sponsored."

The twelve participants in the CETA program are James Berry, Joe Bogard, Mercedes Britton, David Chasco, Eugene Howard, Jeneen Irvin, Paula Irvin, Raymond Lee, Jacoby Richardson, Richard Rodriguez, Janelle Terrell, and David Wright, all residents of Aurora.



*...E. Howard (L) and W. Foster assemble power supply...*



*...J. Berry assembling power supply...*



## ADMINISTRATIVE CHANGES IN RESEARCH DIVISION

Several changes in the administrative assignments of the Fermilab Research Division have been made recently.

R. Lundy has succeeded R. Huson as head of the Neutrino Department. L. Voyvodic becomes Assistant Head of Neutrino.

Lundy has been at Fermilab since January of 1971. He first worked in the Accelerator Division, then moved to act as head of the Meson Department for the year 1973. He has been in the Physics Department for the past year.

Voyvodic came to Fermilab from the Argonne National Laboratory and directed the move of the 30-inch bubble chamber from Argonne to the Fermilab Neutrino Area in 1972. He has continued on the Neutrino staff, associated with the 30-inch chamber activities and with the Film Analysis Facility.

Taiji Yamanouchi now heads the Physics Department. He has been associated with the experimental areas since coming to the Laboratory in October, 1969. After three years in the Neutrino area, he transferred to the Physics Department in January of 1974.

Frank Nezrick has been named Assistant Head of the Physics Department. He started at Fermilab as a member of the former Experimental Facilities section in August, 1968. He transferred to the Neutrino Department in 1971 and has headed the design and installation of the horns in the Neutrino Line.

Charles Brown has been named Assistant Head of the Meson Department, with Peter Koehler continuing as department head. Brown has been at Fermilab since July of 1974.

Other administrative assignments in the Research Division remain as before. Roy Rubinstein heads the Proton Department; Brad Cox is Assistant Head.

The changes represent the continuing policy of sharing the administrative responsibility among members of the Fermilab staff on a regular rotation plan.

## LIGHTS DIM FOR ENERGY CONSERVATION

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Hank Hinterberger, head of Fermilab Technical Services, is chairman of a working group that will devise ways to reduce energy consumption at all levels at Fermilab. Hinterberger, R. Orr, Research Division; Phil Livdahl, Accelerator Division, and D. Sauer, Manager of Site Services, were appointed to the work group by Director R. R. Wilson to formulate a working plan for compliance with the Federal Property Management Regulations on Conservation of Energy now in effect. Levels of winter heating, summer cooling, and task and overall lighting at Fermilab are to be guided by this regulation. A plan for reducing lighting levels is now underway. More than half of the lighting in the Central Laboratory will be reduced to correspond more closely to new standards for office lighting. Alterations of the Director's Office and the second floor will be completed next week.

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**CONGRATULATIONS...**A new peak intensity in the Fermilab accelerator was achieved at 5:08 a.m. on Tuesday, February 11 --  $1.5 \times 10^{13}$  protons per pulse. In achieving this record the Booster also achieved a new record -- close to  $2 \times 10^{13}$  per Main Ring cycle.

The next Accelerator Division milestone will be  $2 \times 10^{13}$  intensity and efforts continue to achieve this milestone as early as possible.

\* \* \* \* \*



...R. Lundy...



...L. Voyvodic...



...T. Yamanouchi...



...F. Nezrick...



...C. Brown...



INTERNATIONAL FILM SOCIETY

Friday, February 14, 1975

8:00 p.m.

LOLA MONTEZ

French - 1955

Directed by Max Ophuls, this film depicts the life of a famous courtesan recounted as part of a lavish circus act. Clowns and acrobats dance and ride across the arena as the ringmaster (played by Peter Ustinov) invites the audience to ask Lola whatever questions they choose. Admission charge, \$1.00 for adults; 50¢ for children.

(This was originally scheduled for February 7, but was rescheduled to February 14.)

HAPPY HOUR...Wednesday, Feb. 19, 5-7 p.m. - Village Barn - Juke box & snacks.

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IMPROVEMENTS PLANNED FOR PINE STREET ENTRANCE TO FERMILAB

Fermilab has negotiated a contract with the City of Batavia for improved lighting of the Pine Street entrance to the Laboratory. The work is to include additional street lights, a yellow flasher on the southbound intersection marker, and power for the Gate House. A lighted Fermilab marker will be erected to identify this entrance which is the main visitor access to the Laboratory. Work is scheduled to be completed by April 1, 1975.

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ELEVATOR EXTENSION WORK

The final phase of work to extend the south elevator on the east side of the Central Laboratory started February 3, 1975. This elevator will be out of service for approximately six weeks.

This work will improve mobility in the building and improve access to the storerooms.

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...THE LABORATORY will again have a limited number of summer positions available for general clerical and grounds jobs. The requirements are that the candidate be available for a minimum of eight weeks during June, July and August. The minimum age is 16 and the rate of pay will be \$ 2.00 per hour. Please contact the Employment Office for an application or call William Butler, Ext. 3324, for further information. Applications must be received by March 1.

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CONGRATULATIONS...to Nancy (Director's Office) and Rae (Accelerator Div.) Steining on the birth of their son, John Martin...and to Bob (Research Services) and Anna Hively on the birth of their daughter Bobbi Kay...

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CLASSIFIED ADS

WANTED - To join/form car pool from Naperville. Can bend working hours to fit any reasonable schedule. Address: 101 River Rd. (Brush Hill Subdiv.). S. Bibler, Ext. 3941.

FOR SALE - Wooded lot on cul-du-sac N.W. Ill. Year-round activity. Sacrifice for low equity and payments at 8%. Call Harvey, Ext. 3378 or 897-8509.

FOR SALE - 1969 Olds 98 Luxury Sedan. Full power, A/C. 46,000 mi., Excellent Cond., \$1150 or best offer. C. S. Sigwards, Ext. 3363 or 898-0943.

FOR SALE - Gas Generator (Homelite) 115 V.D.C. at 21.7 Amps., 230 V.A.C. 3 PH at 63A. Call A. J. Bianchi, Ext. 3701.

WANTED - Car pool from St. Charles. Starting point could be near Randall Rd. & Hwy. 64. Call Louis Kula, Ext. 3166.

FOR SALE - Firestone Town & Country F-78-14 Snowtires, mounted on Dodge rims, \$50. Call Bob Allen, Ext. 3458. Like new.

FOR SALE - Conn Alto Sax \$325. Excellent Cond. Call Barb, Ext. 3795.