

The Village Courier



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KEEPING FERMILAB FIT

Broken bones, bee stings, emotional upsets -- these and other occupational health challenges are all in a day's work for Fermilab's Medical Office.

Dr. Charles A. Lang, laboratory physician, averages about 200 appointments monthly with another 700 persons dropping in to consult with him or staffers.

Patients include employees, visiting scientists and their families, and contractor workers.

As an ERDA contractor, Fermilab provides employees with safe and healthful working conditions. Laboratory policy encourages treatment of employee health problems as they occur -- and also preventive medicine.

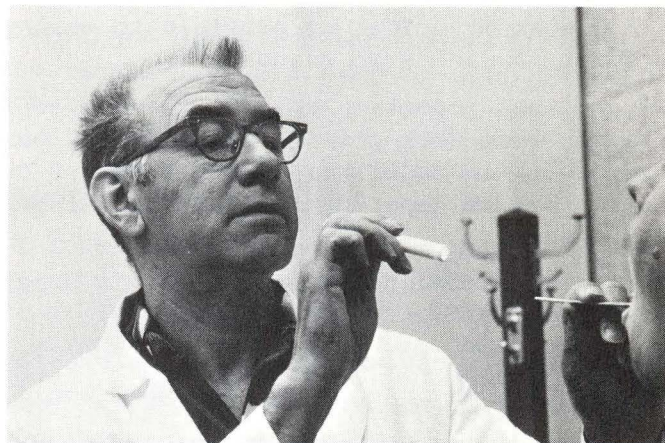
Services available include advice, emergency first aid, pre-employment/annual check-ups and referral to other physicians as required.

Dr. Lang, with Dorothy Poll and Olive Thompson, registered nurses, offer many years of experience in health care. Dr. Lang, a Northwestern University medical school graduate, headed the DuPage County health department for 19 years before coming to Fermilab in May, 1975. Dr. Lang is in Central Laboratory 1-W offices weekday mornings. Afternoons he serves as an occupational health physician at Argonne National Laboratory.

On duty full time weekdays at Fermilab are the nursing staff and medical assistant, Sharon Koteles.

Dorothy Poll was on hand when the National Accelerator Laboratory medical office opened at 24 Sauk in September, 1968. Olive Thompson joined the Fermilab medical staff in 1972 and Ms. Koteles in 1974.

Beyond R.N. qualifications, Dorothy is a certified physician's assistant, occupational hearing conservationist. She also attended a seminar on medical care and treatment of radiation accidents. Olive is an industrial



...*"Say ahh,"* says Fermilab physician Dr. C. A. Lang...



...*Dorothy Poll,*
R.N....



...*Olive Thompson,*
R.N....



...*S. Jones (L) checks forms with S. Koteles, Medical Office Assistant*...

(Continued)

KEEPING FERMILAB FIT (Continued)

audiometric technician. Sharon is also an occupational hearing conservationist and is trained in vision examinations.

Head-to-toe physicals are one of the office's main functions. The two-part exam starts off with a survey of: height, weight, blood pressure, hearing, breathing, urine, blood (24 chemical, five cellular analyses), electrocardiogram, chest X-ray, and vision (distance, glaucoma, colorblindness). Part II is a personal exam by Dr. Lang and Evaluation of tests taken earlier.

The exam package is provided to employees. Findings are forwarded to an employee's personal physician on request.

Another important role of the office is to clear employees for return to work upon recovery from work-related absences. A personal physician's release for the patient to resume work is required. Also, absences due to nonoccupational illness or injury are cleared by the department and physician releases are required depending on the number of days absent.

All work-related illnesses or injuries, no matter how slight, must be reported to the Medical Office as soon as possible.

Immediate care of minor health problems may enable an employee to finish the shift. Such a visit may save lost time that would be required for an off-site physician visit.

In addition to aspirin, the office dispenses antacids, throat lozenges, cold tablets, digestive aids, and cough medicine. Oxygen, selected prescription drugs and microthermy treatments are also available. An important part of the service -- counseling on health topics -- is offered.

Cancer, alcoholism, venereal disease, heart attack, weight problems and diabetes are much discussed. "If an employee is ill, or suspects a problem, we are ready and willing to help." Dr. Lang said.

Dr. Lang stresses the importance of preventative medicine and believes that moderation in eating, drinking, exercise or anything else affecting you is a key to good health.

His office also coordinates semi-annual blood donor days on site and has assisted the American Heart Association in two separate surveys to identify high blood pressure cases.

FALL F.A.S.T. CLASSES ANNOUNCED

Three classes have been announced for the fall session of FAST - Fermilab Applied Skills Training program.

Ruth Christ, training officer, said the program is designed to strengthen basic skills of mechanical and electronic technicians, mainly at entry-level. Wednesday, Sept. 7, is first class day; deadline to apply is Friday, Aug. 26. Courses in the second annual program will be conducted Mondays and Wednesdays from 4-6 p.m. for eight weeks through Oct. 27.

Application forms are available from Mrs. Christ in Personnel, CL-6E (Ext. 3324). Class size will be limited. Last year 102 students completed 10 courses offered in three sessions. Courses and instructors are:

MATH I

Instructor: Louis Kula

Basic algebra will be covered, starting with fundamental operations. No previous math background is required.

SHOP PRACTICES FOR ELECTRICAL & ELECTRONIC TECHNICIANS

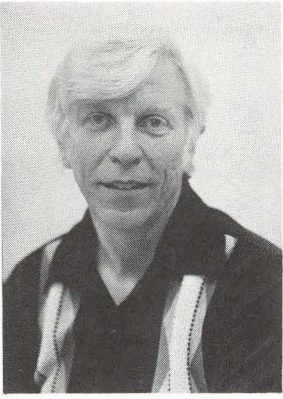
Instructor: Henry VanLeesten

Covers basic safe operating procedures for bandsaw, drill press, lathe and milling machine. Students will complete projects requiring the use of each tool. Use of standard shop measuring instruments will also be taught.

BASIC ELECTRICAL CONTROLS FOR MECHANICAL TECHNICIANS

Instructor: James Garvey

The class is designed to acquaint mechanical technicians with basic electrical control circuits for pumps, motors and similar equipment.



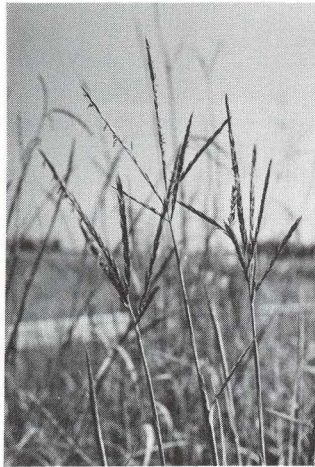
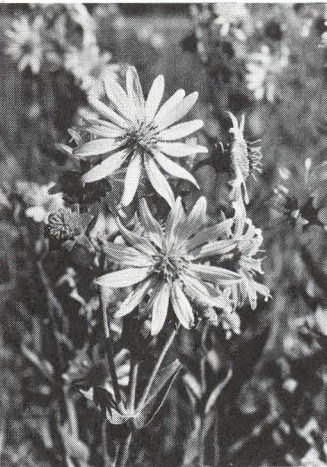
ALVIN TOLLESTRUP JOINS FERMILAB

Alvin Tollestrup has joined the Fermilab staff as a physicist in the Energy Doubler/Saver Group. Tollestrup also will assume responsibility for a new group in the Research Division's Department of Research Services. That group will be responsible for carrying on research and development on electronic detectors and data acquisition techniques.

For the past two years Tollestrup has been serving as a member of the Energy Doubler/Saver Group. He joined the Laboratory in a temporary capacity while on sabbatical leave and leave of absence from California Institute of Technology. During the past two years he has taken a major responsibility for the development of Doubler magnets and has played the key role in transforming the production of those magnets from an art to a science.

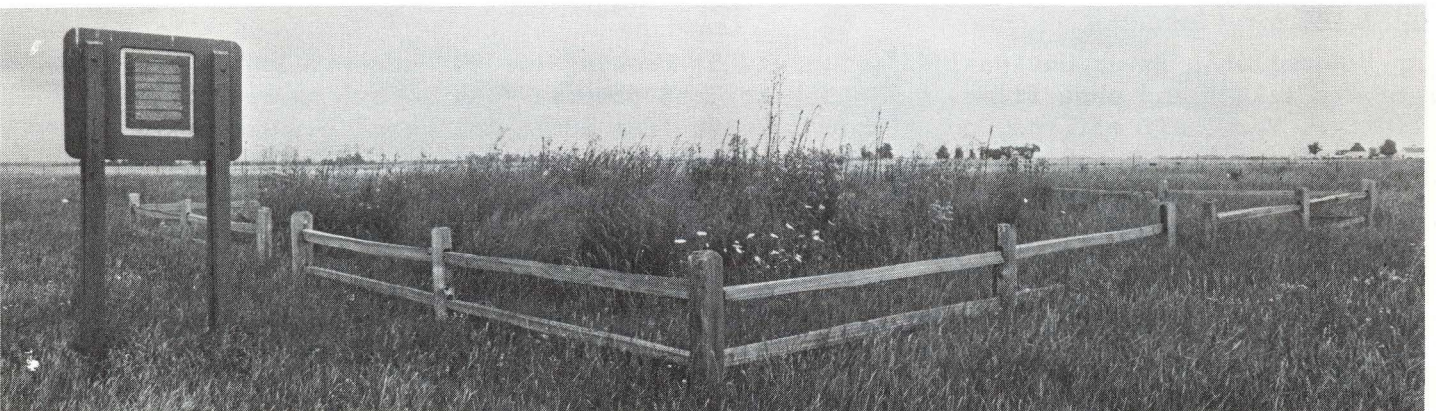
The new group which Tollestrup will head in Research Services will combine the Detector Development Group now led by Muzaffer Atac and the Experimental Systems Support Group of Tom Droege. This new group will still perform services for the Laboratory as it has in the past. Alvin has been in the physics department at CalTech for the last 27 years. During that time he was involved in converting the quarter scale model of the Bevatron into a 500 MeV and later a 1200 MeV electron synchrotron. The 500 MeV energy was fortunate in that it enabled the famous "first resonance" to be completely investigated; whereas the 300 MeV machines, as at Cornell, were limited to just reaching the peak of the resonance.

After early photoproduction experiments at CalTech he spent a year at CERN. There he participated in the planning and execution of the first experiment at CERN Cyclotron which was the first observation of the π^-e decay. Other "good" experiments he has worked on include the first measurement of the π^0 lifetime by the Primakoff effect, and $\bar{p}p$ annihilation to e^+e^- . He also developed with R. L. Walker the x-ray detector used in experiments 110, 268, and 350.



PRAIRIE PLOT IN BLOOM

Fermilab's prairie demonstration plot is blooming. The 40' x 40' plot is on the south side of Batavia Road, near the industrial area. Purple cone flower is the most conspicuous prairie flower bloom. L-R are: Rosin Weed, Big Bluestem, Rattlesnake Master.



!!! VOLUNTEERS NEEDED !!!

NALREC Family Picnic

Sunday, August 21

NALREC needs you! Volunteers are needed to help make the 1977 family picnic a success. You are needed to distribute tickets, start races, help with food and other necessary chores. Please indicate on the form below if you can help. Return the form to Liz Foster, CL-4E by Friday, August 12.

Each family member will receive four free tickets to be used for food and drink items. Additional tickets will be available at the picnic at 15¢ per ticket. Ride tickets are to be purchased at the picnic at 3 tickets for \$1. In order to facilitate distribution of tickets, please complete and return the form below by Friday, August 12, to Liz Foster, CL-4E. Tickets will be forwarded to you before the picnic date.

NAME _____ Lab Address _____ I.D.# _____

No. of people in family (including yourself) attending picnic _____

I will volunteer _____ .

For more information, contact Chuck Grozis, Ext. 3370.

COMPLAINTS?

A neat device for getting complaints off your chest will go into effect at Fermilab on Friday, August 12, John McCook announces. When you dial Ext. 4343, after a brief recorded message a tape recorder will listen to you tell about your problem. The taped message will be reviewed and appropriate action initiated. It's another communication technique--courtesy Dave Sauer's Communications group--to improve service at Fermilab.

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ATTENTION WOMEN . . . Interested in forming a women's basketball team to represent Fermilab in an Aurora League? Contact Helen Ecker, Ext. 3126 or Sherry Nila, Ext. 3585.

N O T I C E

Duplicating Services will be closed from August 8 through August 12, 1977 while their facilities are moved from the present location to the Catacombs. During this period please refer requests for printing to Bill Riordan in Purchasing, CL-4W, Ext. 3173.

JOIN THE FILM SOCIETY

Fermilab's Inter/National Film Society is seeking new volunteer helpers. Society members select and show films, sell tickets, and prepare film notes, posters and publicity. For their efforts, volunteers receive free admission to society activities. More information is available from current members: Rick Fenner, Sally Hojvat, Terri Lahey, Trish MacLachlan, David Ritchie, and Julian Vrieslander. Interested persons may also leave their name at the Guest Office (Ext. 3440) to be contacted by a society member.

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REMEMBER . . . Contact your Argonne Credit Union for low-cost auto loans.

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