FERMINEWS

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TAT HAS POWERFUL IMPACT

In Appreciation,

We the trainees from the first training program (TAT, begun Feb. 9, 1969) would like to take this time to express our thanks to those who helped to make it possible for our group to become productive and worthwhile citizens.

Having come out of an environment that was not scientific or technically oriented, we have found that given the opportunity and guidance to achieve, it can be done. We have found that prejudice is not environmental but rather an individual thing and need not exist where people truly have an understanding of themselves in relation to their environment. We have learned, in more ways than one, what it means to be a worthwhile and productive citizen within the framework of our jobs and our communities.

That letter, sent last month to Fermilab on the approach of the 12th anniversary of the Training and Technology Project (TAT), was signed by Clarence Bowling, Cutchlow Cahill, Roy Justice, Jeffrey Ruffin, Nelson Sample, Elbert Smith Jr. and Edward Stitts, all Fermilab employees. They have been with Fermilab since the beginning of their TAT training. The eighth signer, Jimmie Bondurant, is an electrician with Local 461 in Aurora.

They are 8 of 24 young men who were selected from the Chicago metropolitan area to participate in the TAT project, an interagency agreement at that time between the Atomic Energy Commission and the U. S. Department of Labor under the Manpower Development and Training Act. The men all had several things in common: the drive, determination and tenacity to learn and to want to make something of themselves. They also came from areas within the city, perhaps best described as inner city neighborhoods where a helping hand frequently is needed to break free. TAT was that helping hand for many of them.

On that fateful day, Feb. 9, 12 years ago, a Delta airliner left from Chicago's O'Hare Field for the AEC facility at Oak Ridge, Tenn. As Fermilab trainees, they would soon begin an intensive training and education program there preparing them for a variety of jobs at Fermilab. The Laboratory here, of course, was being constructed at that time and was not as well equipped to work with trainees as was Oak Ridge.

As they are today, (L-R) Warren Cannon, Jimmie Bondurant, Joyce Curry, Nelson Sample, Roy Justice, Cutchlow Cahill, Elbert Smith, Edward Stitts, Jeffrey Ruffin and Clarence Bowling. Cannon and Curry are the last two of the original TAT administration that helped organize this impressive program for Fermilab. Cannon now is senior personnel administrator with Personnel and Curry is a personnel administrator with the Equal Employment Opportunity Office here.

The curriculum there was custom designed for each member of this first group, running from 13 to 36 weeks, but averaging about 30 weeks. When their training was completed, they returned to Fermilab to begin working as full-time employees. These final 24 were picked from an applicant pool of more than 100 candidates.

(Continued on Page 2)

Twelve years ago at O'Hare Field just before departure to Oak Ridge, Tenn.

(Continued from Page 1)

Chuck Marofske, now head of Laboratory Services Section and then manager of personnel, explained in an interview published in the March 1969 issue of The Village Crier (now called FERMINEWS): "We have a strong commitment to provide opportunities for minorities at all levels of the Laboratory, and we are pleased by this opportunity to cooperate in an unusual and promising endeavor with one of the AEC facilities at Oak Ridge."

But the dimension of this drama that reaches across 12 years of time is far more profound. It has to do with the influence of TAT and Fermilab on the lives of these men who broke new ground. The letter they wrote that begins this article gives the broad overview, but for each man, of course, the specifics are different.

FERMINEWS interviewed several of the men who signed the letter. Here is what they say.

CLARENCE BOWLING is a senior technician with the Energy Saver Division. He assists in the production and fabrication of superconducting coils. "TAT training has helped me considerably, especially in the mechanical field. The training I received made me aware of the opportunities and advances that could be made in the realm of technology. My experience at Fermilab has been very enlightening. I've learned a great deal about people, and that communication is very important no matter what job you're employed at. Through the years, there have been trials and tribulations, but my past experience has helped me to endure and overcome many of them."

ROY JUSTICE, an electronics technician with the Physics Section, said TAT and Fermilab had a considerable influence on his life. "I got to experience a world totally different from the one I grew up in. It has meant growth for me as an individual and has helped me accept people for themselves."

JEFFREY RUFFIN is a senior electronics technician with the Radio Frequency Department of the Accelerator Division. For him, "TAT was the vehicle that got me in the door. TAT and Fermilab have encouraged my motivation and helped provide me with foresight for my future." Ruffin also extended his "thanks to everyone who helped."

NELSON SAMPLE, a machinist in the machine shop at Wilson Hall, said, "TAT training and the 12 years of experience at Fermilab have been very instrumental in the way I approach everday life."

EDWARD STITTS is with the Accelerator Division's Control Group. He is a senior electronics technician whose primary responsibility is the Energy Saver microprocessor control vacuum and refrigeration systems. "Fermilab has been the basis of how things have gone for me," he said. "It provides me with my livelihood and has supplied a lot of growing up knowledge, especially in the spirit of dealing with different types of people. I was given an opportunity that if I had passed up, I wouldn't be who or where I am today."

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BLACK HISTORY MONTH

February is Black History Month, a time to reflect upon and acknowledge the contributions of Black Americans to the achievements, progress and spirit of the United States. American history and every facet of this society have been enriched by the efforts of Black Americans. The observance is the extension of National Negro History Week, first begun in 1926 by Carter G. Woodson, a renowned black historian, teacher and author.

SPECIAL NOTICE

Included with this issue of FERMINEWS are two important policy statements. Read them carefully. One is the "Policy Statement on Employment Opportunity for the Handicapped, Disabled and Vietnam era Veteran." The other is "The Human Rights Policy of Fermilab Principle."

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INDUSTRIAL AFFILIATE PROGRAM

In the past year, Fermilab has solicited a large number of high technology companies to join the Fermilab Industrial Affiliates (FIA). The idea is to find additional applications for the vast array of advanced state-of-the-art technology that we develop at Fermilab for accelerator and particle science. In Washington this is called Technology Transfer. The Affiliates Program is designed to acquaint U. S. industry with our work via an annual symposium and a regular mailing of workshop dates and publications. To date some 23 companies have paid the $1000 annual dues (to cover costs of the program).

The program makes sense for Fermilab whose main product is very abstract and exotic - being "merely" data and theory on how the world works. Clearly as our inventions enter the commerical world, they generate goods and services, create jobs and pay taxes and all of this decreases the cost to the public of our basic research. Recently, Congress enacted a new bill (Stevenson-Wydler) which mandates activities roughly like FIA and our initiative was noted with appreciation by a relevant DOE office.

The first FIA symposium will take place on May 28. We would like to put on a very good show and all suggestions as to interesting technical developments by Fermilab (or its users) will be very much appreciated. Please send your ideas to John McCook who is administrating the program in the Directorate.

Leon Lederman

NEXT COLLOQUIUM SPEAKER

Dr. Bruce Margon, associate professor of astronomy at the University of Washington, will be the Physics Colloquium speaker Feb. 11. His talk on "SS 433: Collimated Relativistic Beams in an Astrophysical Setting" will begin at 4 p.m. in Wilson Hall auditorium. Linda Stutte will be his host during his visit here.

"Recent observations of the peculiar stellar object SS 433, discovered but forgotten 20 years ago, now show the object to behave in an unprecedented fashion," said Margon. "Two narrow columns of cool, highly collimated gas appear to be ejected from the star in opposed beams at an accurately regulated velocity of 0.26 the speed of light."

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JOHN FRAZIER DIES

John Frazier

John R. Frazier, a long-time Fermilab employee, died Jan. 27 from complications following an operation for lung cancer. He had been with the Laboratory since Oct. 1968, coming here as chief legal counsel.

"John was an amazing individual not only in his continuing contributions on legal matters for the Laboratory," said Bruce Chrisman, head of Business Services. "Over the years, John has successfully trained a succession of business managers in the fine points of government procurement regulations and the URA contract with DOE. Never complaining, active professionally and socially, he will be fondly remembered by all of his colleagues for his valued advice on matters large and small. We will miss his intuitive grasp of legal matters and his ability to relate these to the high technology projects of the Laboratory. Also, John was an inspiration to those of us who were privileged to work with him daily knowing that he required dialysis treatment several times a week since 1973."

Frazier is survived by his wife, Julia, and three sons, John, James and Tamsen. A Requiem Mass was held on Jan. 31. Contributions to the National Kidney Foundation, 127 N. Dearborn St., Chicago, Il. 60602, would be appreciated by the family. Contributions should be specifically earmarked for research. Acknowledgement for the gifts will be sent by the foundation to Mrs. Frazier.

Frazier received his B.S. degree in business administration and then served in the Army Air Corps from July 1941 through November 1945, including approximately 3½ years in the southwest Pacific. Subsequently, he completed law school at Indiana University in August 1947 with a Doctor of Jurisprudence.

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ARE YOU A LUCKY 13?

Troubled by jinxes? Here's a good opportunity to kick free. NALREC will hold a gaming event Feb. 13 - that's lucky Friday the 13th - at the Village Barn.

Calling it "Lucky 13," NALREC will begin the evening with a social hour at 5:15 p.m. and gaming at 6:30 p.m. Popcorn and a variety of beverages will be available from 5:15 on, with hot snacks coming on line at 6:30 p.m.

The games will include black jack at four tables, beat the dealer, dice, color roulette, chuck wheel, over-under and this year for the first time, western poker. Admission is limited to all employees, users, spouses and friends who are 18 and older.

Two dollars will buy a gambler $10,000 in playing money and a ticket toward one of three door prizes. The games will continue until 9:30 p.m. At that time, for each $5,000 turned in, a player will be given one more ticket toward the door prizes.

For additional information, contact Bob Shovan, Ext. 4347; Pat Yost, Ext. 4365; or Ed LaVallie, Ext. 3138.

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CHEZ LEON MENUS

Wednesday, February 11, 12:30 p.m. - $6.00

Soupe en croute
Pork tenderloin au citron
Leeks & potato gratin
Broccoli w/noisette butter
Red & green cabbage salad
Apples & almond tart

Thursday, February 12, 7:00 p.m. - $10.00

Salmon pate
Steak Tita
Stuffed onions
Spinach w/cream
Mixed vegetable salad
Crepes morateur

For reservations, call Ext. 3082

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FERMILAB SITE OF BLACK PHYSICISTS MEETING

The National Society of Black Physicists will hold its annual meeting and a day of scientific lectures April 30-May 1 here. Fermilab and the Argonne National Laboratory will serve as the host institutions. For additional information, contact Herman B. White Jr., Research Division, Fermilab, Ext. 3200, mail station 205.

"CAT AND MOUSE" NEXT MOVIE

The next movie presented by the Fermilab International Film Society will be "Cat and Mouse," a mystery from France. It will be shown Feb. 13 at 8 p.m. in Wilson Hall auditorium. Admission is $2 for each adult viewer, 50 cents for children 12 and younger. Rated PG, the movie is in color and runs for 107 minutes. Directed by Claude LeLouch, this 1978 film moves around an unorthodox police inspector who is called in to investigate the mysterious death of a millionaire.

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GLOBETROTTERS TICKETS AVAILABLE

Tickets to see those fantastic magicians of basketball - the Harlem Globetrotters - are available through the Fermilab Recreation Office, WH1E. The Globetrotters will be performing Feb. 20 and 21 in Chicago Stadium. Regular prices are $6, $7 and $8, but when purchased for groups of 25 or more, the price drops $2 per ticket. For additional information, contact Helen McCulloch, recreation coordinator, Ext. 3126.

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BIRTH

Gregory Robert was born to Rob and Jeanine Reilly on Jan. 12 at 9:55 a.m. in Central DuPage Hospital. He weighed 6 pounds, 1 ounce and was 19.5 inches long. His dad has been with Fermilab since Dec. 18 and is with the Mechanical Support Group of the Accelerator Division. He said Gregory is the couple's first child and "that's why I'm so happy."

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