



PRAIRIE VIEW A&M UNIVERSITY TEAM VISITS FERMILAB

Percy A. Pierre, President of Prairie View A&M University (PVAMU), and key representatives of the university faculty conducting research at Fermilab met with Fermilab Director Leon Lederman to discuss the prospect of PVAMU becoming a member of the Universities Research Association (URA). The trip was also arranged by faculty members of the E-705/E-771 collaboration, Dennis Judd and David Wagoner. Membership in the URA would make PVAMU the first historically black university to join the exclusive group.

Other agenda items for the visit included discussions of the current status of the E-705 analysis and the possible timeline for PAC second stage approval of E-771. Prairie View professors Dennis Judd, David Wagoner and Brad Cox, the Fermilab spokesman for E-705/E-771, gave President Pierre and Vice President for Development Donald L. Hense a special tour of the Proton West beamline, pointing out proposed beamline up-grades for the E-771 Beauty experiment. Bob Wagner, of the CDF Collaboration, showed the visitors other Fermilab facilities.

Prairie View A&M University, 40 miles west of Houston in Prairie View, Texas, is a predominantly black university and the second oldest institution of higher education in the state of Texas. The university is celebrating its 110th anniversary this year.

PVAMU is the only predominantly black college in the nation to have a high-energy physics center. The university is also known for creating Benjamin Banneker Honors College, the first honors college in the nation on an historically black college campus, and for producing the most black engineers in the country from 1983-1985. PVAMU is experiencing a resurgence of growth and development, with new leadership and with public and private support. Last fall, the university had the largest percentage enrollment increase in the state of Texas. The honors college during the same period saw its enrollment double in size.

Recently, Prairie View received an award from President Reagan, on behalf of the White House Of-

fice of Science and Technology Policy, for its model alliances with private companies, federal agencies and national laboratories that "have significantly enhanced the academic and research capabilities of black engineers and scientists."

"We came to Fermilab to get a better understanding of the work going on here," said President Pierre in the Directors meeting. An electrical engineer by training, Pierre showed an appreciation of the world-class research at Fermilab and its relation to academic institutions in the country. After completing his undergraduate work at Notre Dame College and his Ph.D. at Johns Hopkins University, Pierre served as research engineer with Rand Corporation, dean of the College of Engineering at Howard University, and Assistant Secretary of the Army for research, development and acquisition in the Department of the Army. He served as president of his own consulting firm until 1983, when he became the president of Prairie View A&M University.

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Correction

From our "Make No Small Mistakes" file: In the story on Fermilab/URA's first licensing agreement in the last issue of *FermiNews*, a line was inadvertently omitted. The impacted paragraph should have read: "The first license negotiated by URA and Fermilab involved a great deal of work on the part of many people. URA personnel, including Ezra Heitowit, Vice President/Secretary of URA, and Maurice Glicksman, Provost at Brown University and Chairman, Administrative Committee of the Board of Trustees, along with Bruce Chrisman, Fermilab Associate Director for Administration, oversaw the review by URA. Dick Lundy, Fermilab Associate Director for Technology, and Chuck Brown, Chairman of the Fermilab Sub-Committee for Electrical Safety, suggested innovative techniques to allow the power supply to be used in a less sophisticated environment than Fermilab."

Benefits Notes

Universal Life Insurance

Fermilab again has made arrangements with Corporate Benefit Systems, Inc., (CBS) to offer the supplemental life insurance program for you and your family. This program is voluntary and available to all active employees who have completed six months of service with the Lab. A letter will be mailed to the mail stations of employees hired between January 1, 1987, and February 1, 1988, describing the plan. All other employees were given the opportunity to join the plan last year. However, if you wish to meet with the CBS representatives to ask questions or join the plan, they would be happy to see you. Please contact the Employee Benefits Office at exts. 3395 or 4361 to schedule an appointment for Wednesday, June 22, 1988.

Supplemental Retirement Accounts' Performances

A comparison of investment performances, through 1987, of TIAA/CREF, T. Rowe Price, Dreyfus, and Fidelity SRA's is available from the Benefits Office. The past-performances spread sheets compare the SRA's over one-, two-, three-, five-, and ten-year periods. For a copy, call exts. 3395 or 4361.

Walk/Jog Event Tally

Fifty-six employees and one dog participated in the Illinois Employee Fitness Day walk/jog event on May 13. All participants were able to complete the two-mile route without any problems and received a ribbon for their efforts. The Research Division had the largest representation, 18 employees.

- Paula Cashin

Congratulations to:



"Prairie View" continued from page 1

"Fermilab is an extremely impressive facility," said Vice President Hense. "We appreciate the opportunity to see what our research team is doing here and above all what it can mean for our students working with them and for the university's programs as a whole."

Dr. Pierre added, "We have had some of our engineering students intern here in the past. This new relationship between Prairie View and Fermilab will significantly enhance our physics program and expose our students to some of the most advanced technical training available."

Credit Checks

The Argonne Credit Union reminds members that, contrary to an item in the last *ACU News and Views*, only *monthly-paid Fermilab credit union members* can have their paychecks deposited directly into their accounts.

The Film Society Presents:

The Big Clock. Time is running out for a newspaper editor who must solve a murder in which all the clues point to himself. June 10 at 8:00 p.m.
Bridge on the River Kwai. Academy Award winning epic film starring Alec Guinness and William Holden. June 24 at 8:00 p.m.

Both films will be shown in the Ramsey Auditorium. Admission is \$2 if over 12 years of age, \$.50 otherwise.

Recent Retirements

Edward J. Steigmeyer, who has been at Fermilab since June 10, 1968 (ID #191), has retired as of June 1, 1988, after a career that spans, and touched on many aspects of, the Lab's history. Ed worked on the first Main Ring test magnets, helped set up the first Stock Room in the Village, assisted in the construction of the wire-placement machine used in building wire chambers, and helped set up E-497 using over a million feet of cable in the process.

Ed now lives, with his wife, Adelaide, in Cherokee Village, Arkansas.

Price of *Video Dog*, a tape offering the "experience of owning a pet without the mess and inconvenience": \$19.95. Price of *Video Baby*: \$19.95

"Wonders and Magic of Science" a Hit at Lab

How to persuade a young person to study science? What scientific concepts can be explained that will be understood by a third- and a sixth-grader alike? How to keep the attention span of nine-year-olds for more than ten minutes? It's not easy, but it was done here at Fermilab.

On Saturday, April 30, 1988, the Friends of Fermilab sponsored the "Wonders and Magic of Science" in Ramsey Auditorium, the third annual science show held at Fermilab as the Lab's part in the celebration of National Science and Technology Week, April 24-30, 1988, coordinated by the National Science Foundation. This campaign was first launched in 1985, and the Friends of Fermilab have participated since its inception. Over 700 students, accompanied by their parents, filled the Auditorium and cafeteria to capacity while they watched five area high school science teachers demonstrate the excitement of science.

The event began with a talk by Fermilab Director Leon Lederman. He explained to his young audience that what they would be seeing and doing that morning was as much a part of science as the topics being discussed in the astrophysics workshop held concurrently at Fermilab that day.

The demonstrations and experiments were carried out by Robert Lewis of Downers Grove North High School, DeWayne Linneman of Glenbard South High School, Lee Marek and Maxine Wilberding of Naperville North High School, and William West of Naperville Central High School. They approached the program with humor, using props, gags, puns, music, and videos as they set about showing that the teaching and learning of science can be fun, especially to such an impressionable age group. By demonstrating to young people the ways and means of doing experiments, the teachers hoped to spark the Bunsen burners of those future scientists in the audience.

The show evolved from a program, developed by these teachers, called "Weird Science." The students were given material on how to perform science experiments at home and at school. They were cautioned to have adult supervision when performing the experiments.

Enclosed in the handouts was a fact sheet about Fermilab specifically tailored for the young people.

The fact sheet noted that Fermilab: has four colonies of beaver living on site; has an indian arrowhead collection; has a herd of 104 bison; displays flags of from 20 countries; and is a wildlife sanctuary.

In all, 52 Fermilab people were involved in the design and implementation of the "Wonder and Magic of Science" show.

- Connie Kania

"Friends" Get NSF Program Grant

The National Science Foundation (NSF) has awarded a \$193,552 grant to the Friends of Fermilab for the development of a special program focusing on the teaching of modern physics at the secondary-school level at Fermilab.

The project, which grew out of recommendations from two recent conferences on the teaching of modern physics, will concentrate on updating high school physics courses by augmenting the curriculum and improving instruction.

Designed for use in northeastern Illinois, the program seeks to enhance the professional competence of high school physics teachers by expanding their knowledge of particle physics and cosmology and demonstrating successful teaching techniques for discussion, laboratory work, and problem solving.

The NSF grant will fund the development of a resource manual that will illustrate how teachers can incorporate new subject matter on modern physics into existing curricula. Included in the resource book will be various classroom materials, lesson outlines, and suggestions for demonstrations and laboratory experiments that can easily be adopted.

The second objective of the education project is to develop an in-service training program for master teachers, which will begin with an intensive three-week summer workshop for 20 high school physics teachers from the area. Upon completion of the program, these master teachers will return to their respective school districts to serve as resource personnel, helping to implement and monitor the new techniques. Friends of Fermilab is a not-for-profit organization that develops and conducts pre-collegiate education programs at Fermilab.

- Marge Bardeen

Percentage of all ties sold last year that were bought for Father's Day: 17 - from *Harper's Index*

The Sports Column

The Activities Office.

Sign-up for Summer Volleyball

The Summer Volleyball League begins play on June 16. Games will be held on Thursdays in the Village next to the swimming pool and tennis courts. Team or individual sign-up is still possible, or just come and sign up and practice a little at 5:30 p.m., June 9. There will be a modest fee used for referee payment. Call Alma at ext. 3387 or Bill at ext. 3819 for details. - **Bill Merz**

Winter Volleyball League Results

The Fermilab Volleyball League concluded its winter season on May 9. Eight teams participated in what proved to be the most competitive play in recent memory. Each team played 23 regular-season matches in three rounds, culminating in a double-elimination tournament with play that often set the Village gym ablaze with fierce competition.

The regular-season champs were guided by team captain Linda Even, earning a 19-4 won-lost record. Ms. Even's teammates included Chuck Ankenbrandt, Rocky Kolb, Bryan MacKinnon, Terri Lahey, Rol Johnson, Mike Tartaglia, Bill Wickenberg, and Charlie Briegel (with guest appearances by Brian Ankenbrandt and Mike Harrison).

The season finale was captured by a truly international effort mastered by team captain Stefano Miscetti. Mr. Miscetti's team, which included representatives from all four hemispheres, was composed of Armondo Lanaro, Tan Yoh, Alberto Rios, Yasuda Takairo, Marcello Gleiser, Rosy Mondarnini, Angela Olinto, Stefano Bianco, and Maki Sekiguchi.

Perhaps the most encouraging aspect of these two teams is the evidence that experimental physicists, astrophysicists, and engineers can actually work together with positive results.

Regular-Season Standings

<u>TEAM</u>	<u>WON-LOST</u>	<u>MATCH POINTS</u>
Even	19-4	67
Jensen	16-7	66
Padilla	15-8	60
Miscetti	14-9	55
Merz	12-11	49
Karas	10-13	43
Zagel	4-19	18
Arnold	2-21	11

- **Bryan MacKinnon**

FermiNews Cla\$\$ified Ad\$

6/3/88

FOR SALE

Motorized Vehicles:

1977 GMC ELEGANZA MOTORHOME, 30,591 miles on new engine, sleeps six. \$23,000. 1937 PACKARD LIMOUSINE, \$5000. Call JoAnne, ext. 3865.

1980 HONDA CM 200 T. Runs great, excellent for novice. HONDA INTERSTATE HELMETS. Sizes medium and large. Hardly used. Call 896-8919, ask for H.B.

Miscellaneous:

WINDOW AIR CONDITIONERS, Fedders 7900 BTU, \$125. General Electric 8500 BTU, \$100. Both 115 volt, 7.5 amp. Call T. Nash, ext. 3203 or 665-6305.

GENERAL ELECTRIC UPRIGHT FREEZER, 19.3 cu ft, 64-5/8 in. high x 32 in. wide x 29-5/8 deep. Excellent condition. \$200. 639-0769.

REFRIGERATOR, 14.5 cu ft, frostless freezer, almost new. \$350. 896-8919, ask for H.B.

CHAIN-LINK FENCE, 18 linear ft, 4 ft high w/post, hardware, and 3-ft gate. \$40. CAPTAIN'S BED w/mattress and matching dresser w/mirror. \$300. Call Ralph, ext. 3653.

WURLITZER CONSOLE PIANO, 6-yrs old, beautiful condition, 1 owner. \$1200. Call Carole after 4:00 p.m. at 837-6972.

FOR RENT

TOWNHOUSE TO SHARE, 3 bedrooms, 2 baths, in Warrenville two minutes from Lab. Fully furnished. Available end of May. Call Norma, 393-6827 (after 4:00 p.m.)

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