

STUDENTS INTERFACE WITH THE FUTURE

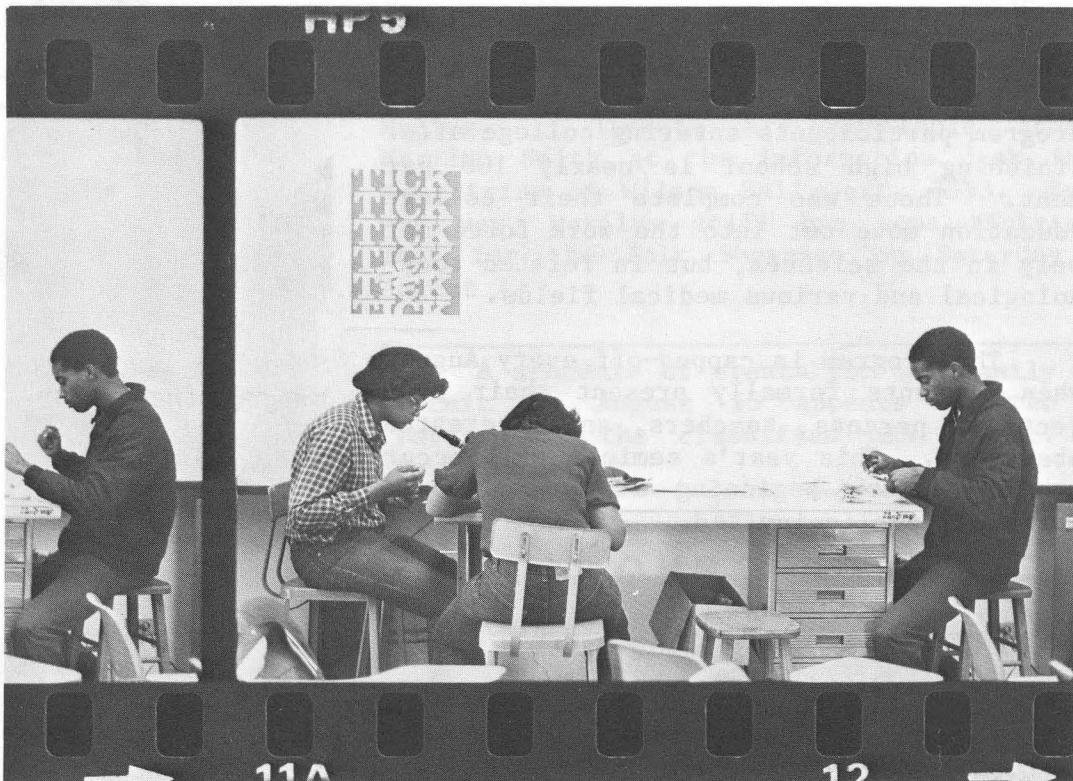
The old Curia in Fermilab's village seems to be a place where beginnings are made. Fermilab as it exists today began in the old Curia years ago, as physicists, engineers, and staff planned a bright future for high energy physics.

Today, the old Curia is the place where students from Chicago high schools enrolled in the Summer Apprenticeship Program work toward a bright future of their own.

Beginning with a DOE directive in 1980 which enlisted the support of Fermilab, eight other DOE facilities, and three universities, the Summer Apprenticeship Program for minority high school students has opened up a dialogue between students with a talent for the sciences, and the research facilities which can benefit most from a new generation of scientists, engineers, and technicians.

In its first year, 1980, the program was split into two parts. Twenty-four Chicago area students, using Dunbar High School as a base, received instruction in math, science, and English, as well as field trips to Amoco Research, Bell Lab, Fermilab, Argonne, and IBM. At the same time, six Aurora high school students were employed under the program at Fermilab, where they received hands-on training from Fermilab technicians and staff.

In 1981, the two approaches were



combined and moved to Fermilab, giving all the participants, in the words of program administrator Allen Abbitt, "A chance to work on-site with lab engineers and technicians."

Again this year, 21 high-achievement students from Chicago high schools assemble each morning at Illinois Institute of Technology for the trip to Fermilab. Their day begins at 8:15 a.m. as they report to their assigned lab employee-instructor for a first-hand look at how the skills they're learning in the classroom are applied to the pursuit of high energy physics. After a lunch break, the remainder of the work day is spent on lectures, computer training, and individual projects. Some of these student projects under development this summer include digital logic circuits, light-beam communications, an electroencephalograph, optical filter communication, computer simulation, and wind energy.

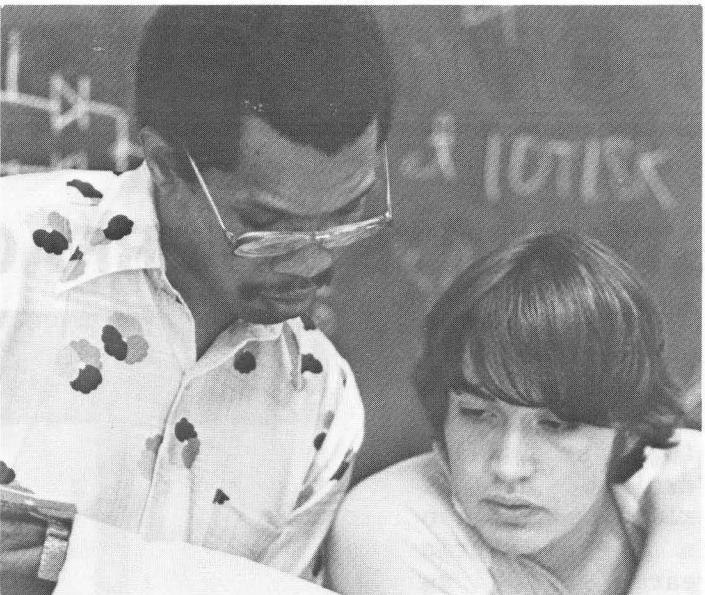
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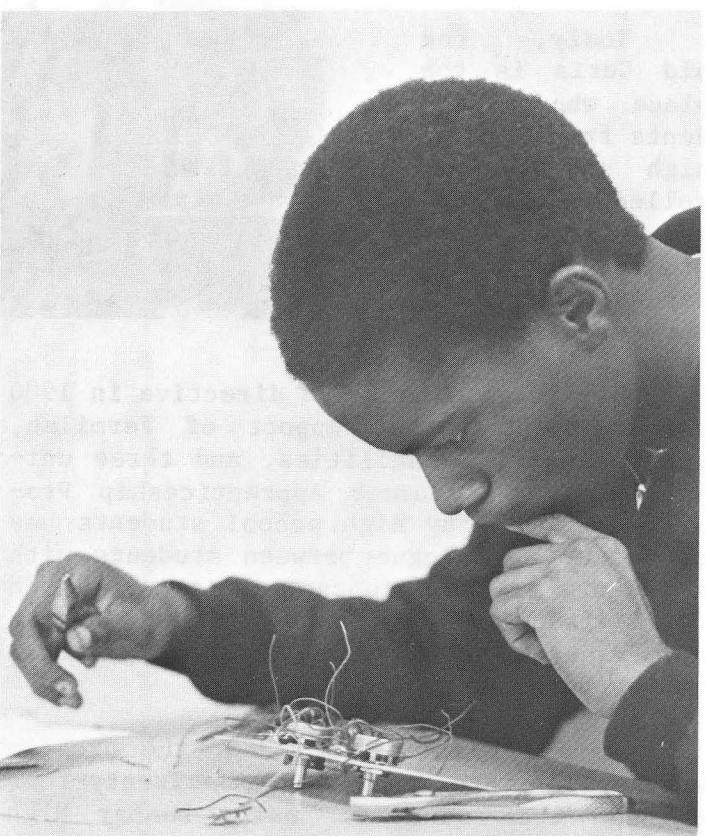
One other significant change has occurred since the project began. As Lauta Price-Joyner of EEO explained, "For the first two years, funding for the program came directly from DOE. But, this year, Fermilab has assumed responsibility for funding as one more way of making an investment in the future of science in this country."

Is it a sound investment? Allen Abbott points out that the percentage of program participants entering college after finishing high school is nearly 100 per cent. Those who complete their college education move out into the work force not only in the sciences, but in related technological and various medical fields.

The program is capped-off every August when students formally present their projects to parents, teachers, and interested observers. This year's seminar will occur on August 6th beginning at 9:30 a.m. in Curia II, public invited.



Anthony Alonzo, Argo Community High School, confers with Robert Tisdale, program instructor.



Adam Washington, DuSable High School, is the "21st student." Adam, valedictorian of his class, was admitted to the program in spite of a 20 student limit, due to the efforts of his counselor, who characterized Adam as "an exceptional student," and the funding efforts of Chicago United, a group of Chicago corporations united to assist disadvantaged youth and minorities.



Kim Finley, Lindblom High School, has chosen wind energy as her summer project.

APPEL'S CORPS WELCOMES NEW MEMBERS



Auditorium Committee members (some of them) are, left to right (more or less) Nancy Carrigan, Jonathon Schonfeld, Nancy Peoples, Janie Green, Hazel Cramer, Ralph Pasquinelli, Angela Gonzales, Carol Diebold, Frank Cole, Saundra Cox, Bob Tredler, Jeff Appel, and Barb Kristen.

The Fermilab Auditorium Committee recently welcomed six new members. Appointed July first by Director Leon Lederman, the newcomers are: George Biallas, Carol Diebold, Dan Kaplan, Mizuho Mishina, Ralph Pasquinelli, and Jonathon Schonfeld.

Additional committee members serving under Chairman Jeffrey Appel include: Nancy Carrigan, Hazel Cramer, Steve Gottlieb, Jesse Guerra, Dave Hanssen, Larry Jackson, Barb Kristen, Trish MacLachlan, Pat Moyer, Nancy Peoples, Jose Poces, Stephen Pordes, Sandro Ruggiero, Marilyn Smith, Gordon Thomson, and Bob Tredler. Four other committee members provide specific functions associated with the Auditorium Committee programs. Frank Cole serves as coordinator for the Lecture Series, and Saundra Cox is Exhibits Coordinator. Committee member Angela Gonzales is responsible for designing the Arts & Lecture Series promotional posters, and Arts Coordinator Janie Green oversees production of arts events.

The committee has scheduled an appealing variety of events for the upcoming season. September 11th, the spectacular Paul Gaulin Mime Company will appear. A concert by the Empire Brass Quintet is set for October 2nd, and an evening of traditional Irish folk music with the Chieftains is scheduled for October 23rd. The next Fermilab Lecture Series program is slated for September 24th when Dr. C. Owen Lovejoy will discuss "The Origin of Man: Mind or Mating." Tickets are available from Marilyn Smith at the information desk in the atrium of Wilson Hall, ext. 3353. By the way, Marilyn still has some tickets left for the Folk Showcase on Saturday, August 7.

A schedule of events for the Family Picnic on August 15 appears on the reverse of the classified ads insert. Don't miss it!

MICROCOURSE OFFERED

A microprocessor applications course, taught by Jim Zagel of Fermilab, will be offered at Fermilab beginning August 26.

The course is accredited through Waubonsie Community College and will be taught Thursday evenings from 5:30 to 9:30 through December 16. For registration information and applications, contact Barbara Graves, ext. 4367.

BLOOD DONOR TIME AGAIN

Once again, the Aurora Blood Bank is appealing to members of the Fermilab Community to support its Blood Bank Drive.

Medical personnel from the Aurora Blood Bank will be in the WH 1 SW conference room, Tuesday, August 24, from 9 a.m. to 2 p.m.

Fermilab employees wishing to donate blood may sign-up on August 23, in the cafeteria from 11:30 a.m. to 1:00 p.m. Any questions regarding the drive should be directed to the Medical Office, ext. 3232.

RECREATION LEAGUE SCORES

Softball League standings at the end of the first round:

Team	Won	Lost
Bushwackers	5	0
Bingo Long	4	1
Pleasure	2	3
Proton	2	3
Hogan's Heroes	2	3
Master Batters	1	5

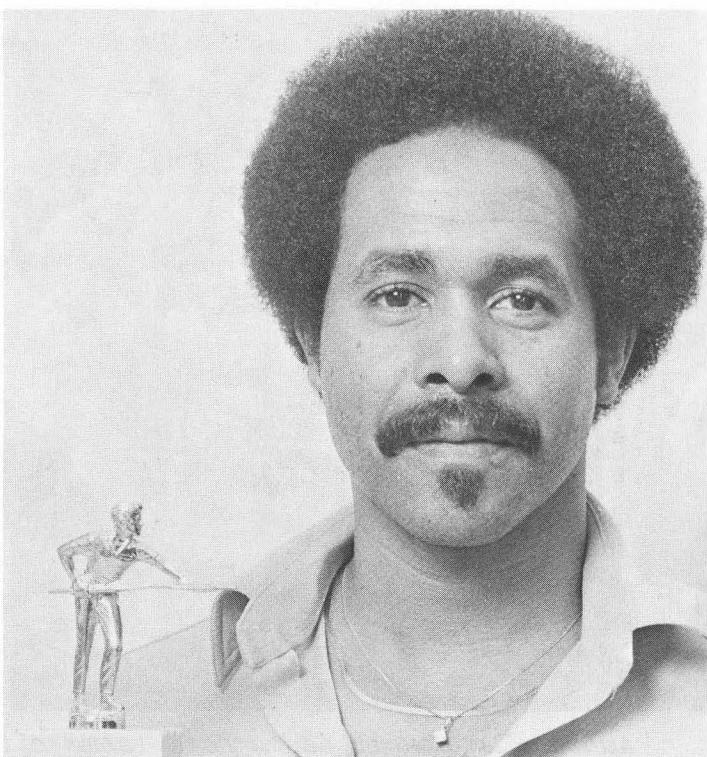
Volleyball League standings at the end of the first round:

League I:	Points
Team #1 (Garcia)	11
#6 (McAuliff/Moore)	9
#3 (Navarro/Young)	7
#5 (Alviar)	6
#2 (Rapovich)	5
#4 (Koteles)	4

League II:

Team #2 (Pientak)	18
#1 (Ankenbrandt/Kristen)	16
#3 (Andrews)	12
#4 (Rice)	6
#5 (Droege)	5
#6 (Urish)	3

COLEMAN IS POOL ACE



Walter Coleman, Collider Detector Facility, is the new Fermilab pool champion. Walter defeated Sam Childress and Rick Coleman in semifinal matches to gain his new title.

I N M E M O R I U M



Julian Woronicz, Planner/Scheduler in the Plant Maintenance Department, passed away on July 12, 1982.

Jules, who was 63 years of age, began his Fermilab employment as a machinist in January, 1970. In 1971 he transferred to Plant Maintenance as a maintenance mechanic. He was promoted to Group Leader in 1979 and to Mechanical Planner/Scheduler in January 1981.

Surviving Jules are his wife Pat, two sons, and a daughter.

During his twelve years at the Laboratory Jules made many friends and was well liked and respected. We will all remember him warmly in our minds and hearts.