

FERMILAB NEWS

MS-222
LAURIE WALTERS RES SERVICES
55

 Fermi National Accelerator Laboratory

Operated by Universities Research Association Inc.
Under Contract with the United States Department of Energy

September 18, 1980

Vol. 3, No. 38

NTF GRANT RENEWED

The Neutron Therapy Facility (NTF) at Fermilab has had its grant from the National Cancer Institute renewed for five more years through April 30, 1985.

NCI is part of the National Institutes of Health. The amount of the grant for 1980-81 is nearly \$1 million. Subsequent support will increase at approximately seven percent per year, explained Miguel Awschalom, deputy department head. The first grant NTF had was for three years, but before that period was up, it was extended to five years. Thus, NTF is now into its sixth year of operation under NCI sponsorship.

Before the NCI approved the new grant, a Site Visiting Committee came to the NTF on Oct. 31 and Nov. 1, 1979, to evaluate the facility. "This committee was made up of well-known radiation therapists, a radiation biologist, an epidemiologist and a medical physicist as well as NCI representatives," said Awschalom. He also said the committee's summary statement highly praised the facility, its staff and the work. At times it was embarrassingly laudatory, he added.

The summary statement prepared by the committee said, "The Special Review Committee recommends approval with enthusiasm for five years....". Of course, the NTF staff is quite pleased by the committee's conclusions and by the contributions made to the healing arts in its relatively short life, said Frank Hendrickson, M.D., head of the NTF.

Investigators include Lionel Cohen, M.D., deputy head for medical affairs; Ivan Rosenberg and Randy Ten Haken, medical physicists. Others on the staff include JoAnne Mansell, data research coordinator; Bonnie Deke, data manager and oncology nurse; Barbara Bennett and Brian Pientak, radiation therapy technologists; and Michelle Gleason, secretary.

One of the strengths of the NTF that impressed the committee was the experience

NAMING CEREMONY THIS AFTERNOON

The ceremony naming the site's 16-story building Robert Rathbun Wilson Hall--in honor of Fermilab's first director--will begin at 4 p.m. this afternoon. It will be held outside the main (north) entrance to the building.

Speakers will include Norman Ramsey, Harry Woolf, Leon Lederman, Wilson and a representative from the Department of Energy. Part of the ceremony will include unveiling the letters attached to the exterior of the building just west of the north entrance.

All employees, users and their families are invited.

and quality of the NTF staff in health care, medical physics and research. Furthermore, the committee described Fermilab as an outstanding resource of electronic, computer and shop facilities, as well as scientific expertise.

Earlier this year, the facility changed its name by substituting the word neutron for cancer. The change was made to make the name more hospitable to patients and their families. Furthermore, it follows the custom of health care centers of omitting the word cancer and using such terms as oncology, radiation therapy and chemotherapy to designate appropriate departments. To patients and distraught family members, these terms are less ominous than cancer and carry the positive connotation that something is being done to bring the disease under control.

Awschalom said, "When the facility conducts research, we deal with human beings and we must be attuned to their needs. Therefore, the staff makes every effort to be friendly and cordial and to make each visit as pleasant and comfortable as possible."

* * * * *

EXHIBIT SHOWS BLEND OF SCIENCE AND ART

An exhibit of 30 photographs shows the science and art of Robert R. Wilson, director emeritus.

All of the photographs, most of them in color, were taken by Rick Fenner of the Fermilab Photo Unit, except for two aerial views. The idea for putting up the exhibit belongs to John McCook of the Director's Office. The exhibit ties together the present architecture exhibit and today's naming of the 16-story building in honor of Wilson.

Exhibit organizers wanted to show the influence Wilson had on the site both from the view of aesthetic excellence and scientific prominence. The 30 prints are part of a more extensive collection of photographs that has been stored for the time being.

* * * * *

WILSON TO SPEAK TO MCA

Robert R. Wilson, director emeritus of Fermilab, will speak to the Far West Affiliates of the Museum of Contemporary Art Oct. 19.

His talk on science and art at Fermilab will begin at 3 p.m. in the Wilson Hall (formerly Central Laboratory) auditorium. This will be the first meeting and program of the affiliates for the 1980-81 season, and is open without charge to everybody. The program will begin at 2:30 p.m. with refreshments in the cafeteria.

After Wilson's talk, employees will conduct affiliates on a tour of the site. Participants also will visit the new art exhibit on the second floor of Wilson Hall.

Reservations to participate in the program, though free, can be made by calling Nancy Carrigan, 393-1361. A membership table will be available during the afternoon for people who would like to join the affiliates or renew their membership.

* * * * *

QUANTUM MECHANICS COURSE BEING OFFERED

A University of Chicago extension course in quantum mechanics using the Messiah text is being offered at Fermilab. The course will begin the first week in October and classes will meet in the morning twice a week. Anyone interested contact Tim Ellison, Ext.3721.

* * * * *



Daniel J. Boorstin

A NEW LOOK AT DARWIN

Ancient Darwin will come under close scrutiny by a modern thinker at the science and human values lecture Oct. 3.

Dr. Daniel J. Boorstin, the Librarian of Congress, will speak about "The Tyranny of Darwin" at 8 p.m. in the Wilson Hall auditorium. Although the talk is free, admission is by ticket. They may be obtained at the ticket sales desk in the atrium, Ext.3353. His talk is the last in the 1979-80 series.

Boorstin has written, "Darwinian expectations of a constant upward evolution no longer apply to our machine kingdom world where we are all creating our own environment." In his lecture, he plans to apply Darwinian ideas to modern society.

His impressive credentials include a distinguished professorship at the University of Chicago, where he taught for 25 years, as well as visiting professorships at major universities around the world. He was awarded his undergraduate degree by Harvard College and his doctorate by Yale University. Boorstin also was a Rhodes Scholar at Oxford University.

He served as director of the National Museum of History and Technology and senior historian of the Smithsonian Institution in Washington, D. C. An active editor and author, his publications have led to important contributions in the history and study of American civilization.

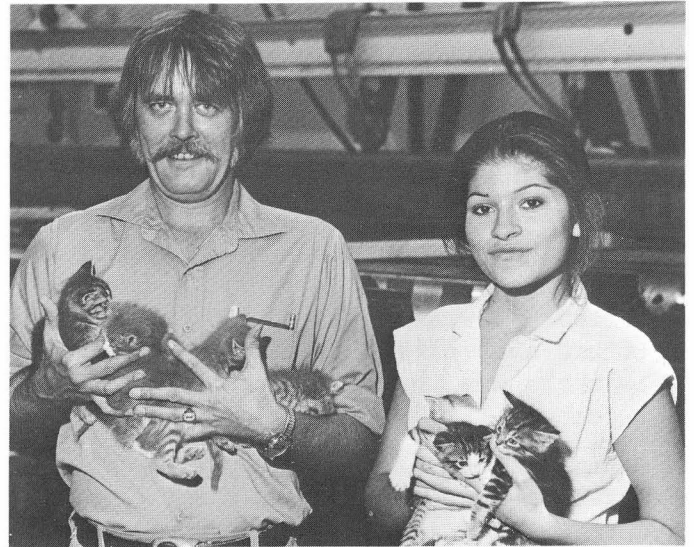
His book, "The Americans: The Democratic Experience," won the Pulitzer and Dexter prizes. The Bancroft and Parkman prizes also have been awarded to him for his work.

* * * * *

TO ALL LABORATORY EMPLOYEES:

In recognition of the importance of conserving energy, both at the Laboratory and in your homes, I have appointed a Fermilab Employee Energy Awareness Committee. To further the activities of this committee, I hereby proclaim October 1980 to be Energy Awareness Month. Detailed descriptions of the activities sponsored by the committee will be announced in the FERMINES.

Sincerely,
Leon M. Lederman
Director



Wally Wojak and Sara Gonzalez of the Energy Saver Magnet Support Group introduce some youngsters to the world. They were born in the Energy Saver storage barn in the Industrial Building complex.

* * * * *

SPECIAL RATES FOR TENNIS AND RACQUETBALL

Fermilab employees, users and their families can get special rates at area tennis and racquetball clubs.

Contact Helen McCulloch, Fermilab recreation coordinator, Ext. 3126, for additional information. These special annual corporate rates depend on a minimum number of players joining. The clubs, rates and minimum enrollment, if required, are:

--Aurora Tennis Club, Aurora, \$200; Glen Ayre Racquet Club, Wheaton, tennis, \$200, minimum 10 players; Country Courts, Geneva, \$270 for tennis, \$180 for racquetball and \$400 for the combination, minimum of six players; Naperville Racquet Club, Naperville, tennis, \$40 each for 30 players or less, \$30 each for more than 30 players; Naperville Courts, Naperville, racquetball, \$25 each, four or more players.

* * * * *

CANOE RACE IS ON

It's GO for Fermilab's seventh annual canoe race Saturday (Sept. 20), reported Larry Allen, race organizer. Through Sept. 15, ten teams of competitors have registered for the popular race. It will begin at 11 a.m. from F4 on the Main Ring.

* * * * *

ENERGY CONSERVATION COMMITTEE ORGANIZED

Fermilab has organized an Energy Conservation Employee Awareness Committee.

The overall purpose of the committee is "to increase the awareness of Fermilab employees to the needs of the country for energy conservation and to educate them in methods by which they can help by practicing and promoting conservation," explained Phil Livdahl, acting deputy director.

Committee members include Hank Hinterberger, chairman; and Norman Gelfand, Penny Horak, John Paulk, Bill Riches, Marv Warner, Chuck Anderson, Harlan Dick and Don Beatty. Margaret Pearson, head of the Public Information Office, was assigned by Livdahl to serve as a consultant to the committee chairman. Her responsibilities include helping the committee communicate with employees.

Hinterberger said committee members are enthusiastic about the objectives and encourage employees to send in their suggestions--preferably in writing--about conserving energy. Suggestions should be sent to Hinterberger at mail station 115.

The committee is part of an Energy Conservation Employee Awareness Program organized by the Office of Construction and Facility Management, Department of Energy. Besides introducing new aspects, the program combines the most successful elements and procedures of existing employee awareness programs at DOE facilities.

"I encourage everyone to do their best to promote the program and make it a success," said Hank Hinterberger.

* * * * *

BUSHWACKERS AND JEDI TAKE
TURNS BEATING EACH OTHER

In the end it all balanced out.

The Jedi took the Fermilab softball world championship by whipping the Bushwackers 9-7. But the Bushwackers came right back to take the post-season tournament by smashing the Jedi in the championship game 12-7. During season play, the Jedi captured the first half of regular play and the Bushwackers won the second half, each with 13-1 records.

In the tournament that followed, the Bushwackers won over the Gamblers 22-7 enroute to the title, and the Icemen ran over the DV-8s 15-6. The remaining four teams then played and the Satellites squeaked by Downtime 18-17 while the Jedi swooped past the Bubble Chamber 17-10. The Satellites then defeated the Icemen 20-14 in the tournament consolation game for third and fourth place.

The team standings at the end of the regular season are:

<u>Team</u>	<u>Position</u>	<u>Won</u>	<u>Lost</u>
Jedi	1	14	1
Bushwackers	2	13	2
DV-8s	3	9	5
Satellites	4	6	8
Downtime	5	5	9
Icemen	6	4	10
Gamblers	7	3	11
Bubble Chamber	8	3	11

* * * * *

(Top photo, right), Bushwackers from left Gary Smith, Chuck Hess, Joe Morgan, Ed Podschweit, David Siefert, Mike Roman and Roy Justice. Not shown, Dave Hornback, Jim Jensen, Jeff Elseth, Keith Coiley, Harlan Dick, Keith Meisner and Jack McCarthy.

(Bottom photo, right), Jedi, top row from left, Jeff Meisner, Tyrone Thomas, Roger Thomas, Nelson Sample, Eddie Stitts and Michael Wilks. Bottom row from left, Tom Dillman, David Musser, Wes Franklin, Jose Delao, Jeff Ruffin, Michael Armstrong, Mark Mills, Kevin Jordan and Floyd Sample.

* * * * *

OUTSTANDING PLAYERS SELECTED BY PEERS

Team members selected the 1980 volleyball and softball all-stars.

The volleyball all-stars from League 2 are Chuck Ankenbrandt, Karen Ankenbrandt, Mark Augustine, Charlie Briegal, Keith Coiley, Rupert Crouch, John Cumalat, Werner DeRosario, Linda Even, Greg Giese, Lloyd Klein, Louise Krafczyk, Jack McCarthy, Keith Meisner, Mark Mills, Rose Muth, Ralph Pasquinelli, Carolyn Pearson, Brian Pientak, Randy Pitt, Roger Rice, Kathy Simon, Shirley Simon, Gary Smith, Romesh Sood, Carmen Vera, Bert Yost and Jim Zagel.

The softball all-stars are Mike Wilks, Wesley Franklin, John Brown, Jeff Ruffin, Tyrone Thomas, Paul Knott, Brian Smith, Glenn Smith, Dean Sorensen, James Ranson, Bishop Smith, Charlie Brown, Ken Tye, Joe Huston, Don Staley, Virgil West, Harold Scheppman, Harlan Dick, Roy Justice, Jack McCarthy, J. P. Morgan, Leo Ray, Harold Warren, Bob Oberholtzer, Mike Hentges, Dean Beckner, Stan Boyson, Chris Kelly, John Zeilinga, Pat Baker, Jim Ellermeier, Dave Lipke, and John Urbin.

* * * * *

