

WORLDWIDE NEWS

 **Fermi National Accelerator Laboratory**
Vol. 3, No. 6

Operated by Universities Research Association Inc.
Under Contract with the United States Department of Energy
February 7, 1980

FERMILAB SPEAKER TALKS ABOUT PARANORMAL ASPECTS OF UFO'S

Throughout the majority of his talk on unidentified flying objects, Dr. J. Allen Hynek, director of the Center for UFO Phenomena, spoke cautiously and built his arguments for the existence of UFO's around as rigorous a methodology as he was capable of assembling.



...Hynek...

But as he neared the end of his lecture in the Central Laboratory auditorium, he introduced a new direction of thought and at the same time injected some of his own opinions. The colloquium speaker said there are paranormal aspects to the UFO phenomenon that recur in the reported sightings. For example, he pointed out:

--Observed UFO's are isolated in space and time. They do not seem to be observed sequentially as a plane might be flying from one city to another.

--There seems to be precognition. People who have observed UFO's tell of being impelled to go to the window to look, for example.

--A recurrent report by people is that they communicated with UFO occupants by mental telepathy or through some similar but unexplained means.

Hynek speculated that paranormal aspects to the UFO phenomenon could possibly exist and that the UFO's could come from an advanced technology in another part of the universe. If this is accepted, however cautiously, he said, then it's reasonable to argue that the creators of that advanced technology could have incorporated paranormal aspects into it just as modern science here has incorporated integrated circuits and transistors into its technology.

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MRAVCA ENTHUSIASTIC ABOUT HIGH ENERGY PHYSICS FUTURE

Describing Fermilab as "one of the greatest places on Earth," Andrew E. "Andy" Mravca went on to say that the "future looks very bright in terms of high energy physics."



The recently-named area manager of the Batavia Area Office of the Department of Energy, Mravca said he sees one of the foremost ...Mravca... priorities of Fermilab as "building the future through the energy Saver-Tevatron with new energy levels that eventually will reach 1,000 GeV." Mravca noted that research and development work started in fiscal year 1980 in support of the construction project is expected to be authorized in fiscal year 1981. Prior to his new appointment, he had been serving as acting area manager here.

"I'm confident that by advancing high energy physics to the 1,000 GeV level, we will find some spin off applications which will help solve some of our energy problems, for example, practical applications of superconductivity." At this point he crossed his fingers--not so much as in hope but rather to emphasize what he was to say next. "If we can discover some new particle or phenomenon, it could have a fantastic effect in revolutionizing our lives and in bettering all people throughout the world. The thought to me is, well, super-appealing."

Mravca added, "The people at Fermilab have the talent, will power, discipline and energy to successfully build the Saver-Tevatron projects. If it can be done, it will be done here."

From 1968 to 1973, Mravca worked in the Batavia area office during the design and construction of Fermilab. He recalls those days as "vigorous and dynamic."

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FERMILAB SPEAKER CALLS THIRD
WORLD CHALLENGE FOR SCIENCE



Twentieth century science has a moral and ethical obligation to help third world countries reach a higher plane of living, said Dr. June Goodfield of Rockefeller University.

...Goodfield... Giving a Science and Human Values Lecture Series address in the Central Laboratory auditorium, she said science cannot simply plunk itself down on the doorstep of poor but developing nations and expect progress to automatically accelerate. Science must understand what the problems of the third world peoples are, that is, why they behave and think the way they do, she also said.

If the leaders of the more affluent nations do this, then they will see that it is not science alone that is needed, but rather a balanced blend of science, better health care, jobs that have meaning and the creation of an environment that is intellectually liberating, Dr. Goodfield said. She likened this to lifting a table from one level to the next higher level. One corner of the table cannot be moved upward, the entire table --

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JANUARY NATIONAL GEOGRAPHIC INCLUDES
FERMILAB IN TALLGRASS PRAIRIE ARTICLE

The January 1980 issue of National Geographic has a 25-page article about "The Tallgrass Prairie: Can it be Saved?"

A portion of the article, written by Dennis Farney, is devoted to Fermilab's prairie restoration project. That segment says: "The measure of a man falls short on a prairie being restored at Fermilab...Standing 5 feet 11, biologist Robert Betz uses two meter sticks end to end to gauge Indian grass, a dominant plant in the tallgrass prairie. The lab's atom-smashing ring, 1.25 miles in diameter, encircles 700 acres of former farmland. So far, 125 acres have been reclaimed. For authenticity, the prairie is planted with indigenous seeds from other northern Illinois prairies, painstakingly gleaned by volunteers."

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representing the many components of society -- must be moved.

She told the audience her preferences of what western science should do for the third world. First, third world societies need practical tools and machinery that the people can cope with. Sophisticated instruments that put people out of work would be deleterious, she said. Give them instead tools, for example, that will help them get water out of the ground and that will make it easier for them to plow a field. Scientists are creative and clever people and are capable of coming up with the proper needed tools, she added.

Second, she said she would like to see more scientists in biomedical research devote their attention to the medical problems of the third world. It shouldn't be too difficult for medical scientists to structure their careers to accomplish this, she suggested. However, the present way of getting ahead in a career field in western civilization pretty much precludes scientists from shunting their much needed knowledge to solving third world problems, she pointed out.

Dr. Goodfield then encouraged the scientists in her audience to become more receptive to the needs of the third world community and begin to devote some of their time in helping those people make better lives for themselves. She said the work could appropriately be called a "happy hobby."

COLLOQUIUM SPEAKER TO TALK ABOUT
SPACE TELESCOPE AND ITS POTENTIAL

Dr. Margaret Burbidge of the University of California at San Diego will speak Feb. 13 at Fermilab about "Galaxies Near and Far With The Space Telescope."

Her talk, which is free and open to the public, will begin at 4 p.m. in the Central Laboratory auditorium. Her appearance here is sponsored by the Physics Colloquium Committee.

She plans to explain how the space telescope will give 10 times greater resolution than ground-based telescopes and improved wavelength coverage into the ultraviolet. She also plans to explain how the telescope's greater capability is expected to increase knowledge about the physics of active galactic nuclei and galactic evolution.

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CHINESE VIOLINIST TO PLAY AT FERMILAB

Violinist Cho-Liang Lin will perform at Fermilab March 15.



The concert will begin at 3 p.m. in the Central Laboratory auditorium. His appearance here is under the auspices of the Midwest Chinese Students and Alumni. Ticket prices are: ...Lin... sponsor, \$100; patron \$30; and general admission, \$5. Tickets may be obtained in the Users Office, CL-1E, or by writing to CSAS, 400 E. 8th Street, Hinsdale, Illinois 60521.

The Los Angeles Times reported that "Lin's success with the audience was unequivocal. His gifts were recognized." And the St. Louis Post-Dispatch wrote, "He rose to absolute brilliance when the piece was most demanding." The Seattle Times said, "There can be little doubt that Lin stands on the brink of a major career."

Since arriving in the United States, he has won first prize in the Queen Sofia International Competition in Madrid and has appeared as a soloist at President Carter's inauguration day concert. He also was a soloist for two successive years with the New York String Orchestra at Carnegie Hall and has been soloist with the St. Louis and Seattle symphony orchestras.

Born in Taiwan in 1960, Lin began his violin studies at 5. He gave his first public performance at 7 and won his first competition--the Taiwan National Youth Violin Competition--by the time he was 10. He studied at the Sydney Conservatorium of Music in Australia and the Julliard School of Music in New York.

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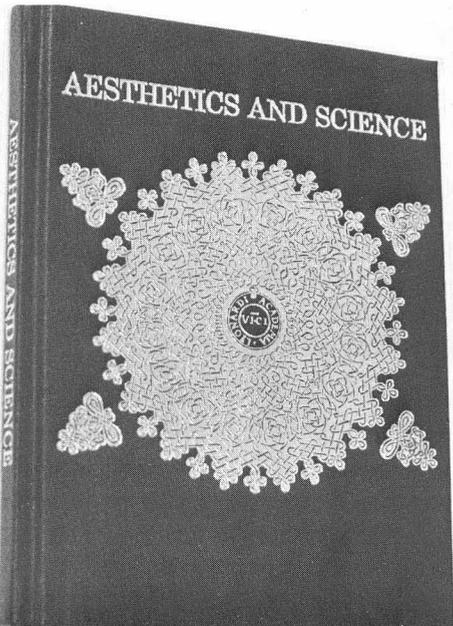
DISCOUNT TICKETS FOR ICE CAPEDES

Discount priced tickets at \$4.50 for the 1980 Ice Capades are available at the Central Laboratory.

They may be obtained from Helen McCulloch, CL1W, ext. 3126. The tickets for mezzanine seats are for the noon performance March 8. The Ice Capades are playing at Chicago Stadium.

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VOLUMES OF "AESTHETICS AND SCIENCE"
AVAILABLE FOR SALE



A limited edition of "Aesthetics and Science," a burgundy leather-bound volume containing the proceedings of the International Symposium in Honor of Robert R. Wilson, has recently been published and is available for sale.

The price of this memento is \$20. Orders can be placed with Rene Donaldson in the Publications Office or Judy Ward in the Director's Office. The symposium was held at Fermilab April 27, 1979.

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PLANS PREPARED FOR PRAIRIE WORKSHOP

The fourth Northern Illinois Prairie Workshop will be held March 1 at the Norris Cultural Arts Center, St. Charles High School, 1020 Dunham Road, from 9 a.m. to 4:45 p.m.

Preregistration and prepayment are necessary. For a detailed program and additional information, contact Rene Donaldson, ext. 3278.

Speaking at the workshop will be Dr. Roger C. Anderson, Illinois State University. His topic will be "The Origin, Demise and Rebirth of the Prairie." Also addressing the group will be Steve Packard of the Natural Land Institute. He will give a slide presentation on "Prairie Preservation Politics."

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REFLECTIONS ON SAFETY

Site Patrol personnel who are on duty at the Pine Street and Batavia Road security stations are wearing vests that reflect light.

The new look was recommended in a suggestion by Daniel P. Owen, Michigan State University, who's here working on experiment 383. He pointed out that the dark uniforms worn by security personnel are difficult to see at night by motorists approaching the stations.

The vests are expected to improve safety, said Bob Armstrong, chief of security. He also said he welcomes other suggestions that would improve Laboratory safety.

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BIRTHS

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CHEZ LEON MENUS

Tuesday, Feb. 12, 7:00 p.m. - \$8.00

- Minestrone
- Veal in Marsala
- Fettucine Alfredo
- Basil stuffed tomatoes
- Oranges Grand Marnier

Wednesday, Feb. 13, 12:30 - \$4.50

- Artichoke with virgin butter
- Saute trout
- Potato dauphinos
- Apricot pie

Thursday, Feb. 14, 7:00 p.m. - \$8.00

- Galicean soup
- Paella
- Tomato, pepper and red onion salad
- Grapes in brandy

FERMILAB EMPLOYEES TALK ABOUT VARIETY OF SUBJECTS

During January, a number of employees talked about Fermilab, high energy physics and related subjects. They were:

Patricia Zack, appearing at the Geneva Optimists Club on Jan. 8, gave a general orientation of Fermilab. Penny Horak was part of "Solar Encounter" Jan. 14 and 21 on WDCB, College of DuPage radio; she also discussed solar energy at the Hinsdale Middle School on Jan. 28. Joel Butler traveled to the Borg-Warner Research Center to speak to their Sigma Xi chapter on "Quarks and Leptons."

Helping with tours of Fermilab were George Biallas, Paul Brindza, Mark Fisher, Penny Horak, John Ingebretsen, Walter Limbaugh, Bill Riches and Mark Ritchie.

PEARL PRIMUS REMINDER

Pearl Primus and her dance group are coming to Fermilab Feb. 9.

The performance in the Central Laboratory auditorium will begin at 8:30 p.m. and is presented by the Auditorium Committee as part of the Fermilab Art Series. She and her group have achieved international acclaim.

The price for a reserved seat is \$5. For further information and reservations, call ext. 3124. Tickets are still available.

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PLAYGROUP ORGANIZED FOR CHILDREN

Playgroup, a cooperative nursery school, has openings for children who are 18 months or older.

The group meets three mornings each week at 28 Shabbona in the Village. The fee is \$4 a month. In addition, each mother is expected to work one morning a week with the children.

Additional information may be obtained from Margo Cooper, 879-8547, and Barbara Jonckheere, 879-1283.

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