

## New Officers, Members Elected at '86 UEC Meeting



Phyllis Hale of the Fermilab Users Office (far left) with members of the UEC (seated l. to r.) Hugh Montgomery (secretary), Tom Ferbel (chairman), and Melissa Franklin. Standing (l. to r.) are Dan Green, Anna Jean Slaughter, Toby Burnett, Bruce Winstein, Dave Buchholz, Marjorie Shapiro, Bill Reay and Jim Wiss. Not pictured: Rosanna Cester, Angelo Scribano.

by Phyllis Hale

Each and every spring six new and enthusiastic members are elected from the 1400 members of the Fermilab Users Organization for an eventful 2-year term on the Users Executive Committee (UEC). This year's lucky new members

are: Rosanna Cester (Istituto di Fisica, Torino), Tom Ferbel (University of Rochester), Melissa Franklin (LBL), Hugh Montgomery (Fermilab), Anna Jean Slaughter (Yale University), and Bruce Winstein (University of Chicago). They join Dave Buchholz (Northwestern University), Toby Burnett (University of Washington), Dan Green (Fermilab), Bill Reay (Ohio State University), Angelo Scribano (INFN, Pisa), Marjorie Shapiro (Harvard), and Jim Wiss (University of Illinois) who are diligently serving their final year on the committee. At the August 23 meeting, UEC's first order of business was the election of a new chairman and secretary. Bill Reay, last year's chairman, relinquished his post to newly-elected Tom Ferbel, who will preside in 86-87. Dan Green, last year's secretary, will be succeeded by Hugh Montgomery.

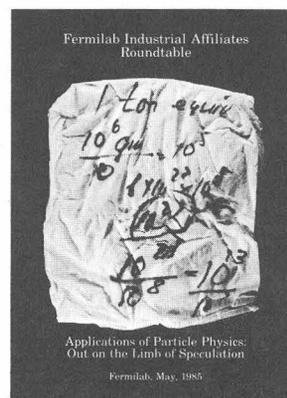
The 13 members of the Fermilab Users Executive Committee constitute a bridge between Fermilab's user community and Laboratory management. The UEC meets bi-monthly in order to delve into matters of interest to the users. Minutes from each meeting find their way to all Fermilab users, whether they are currently on site, or at other locations world wide. Correspondence to the committee should be directed to Prof. Tom Ferbel c/o Fermilab Users Office, MS 103.

## '85 IA Roundtable Topic: Physics "Out on a Limb of Speculation"

*Applications of Particle Physics: Out on the Limb of Speculation* (Fermilab; 1986; ed. R.A. Carrigan, Jr.), the proceedings of the 1985 Fermilab Industrial Affiliates Annual Meeting, is now available from Fermilab's Office of Research and Technology Applications (ORTA).

In his Introduction to the volume, Fermilab Director Leon Lederman notes that "The theme of this year's Roundtable is to push speculation to the ultimate limit but not over the precipice. To that end, a distinguished panel has been gathered to climb out on the limb of speculation and be visionary about applications of particle physics."

The panel, moderated by Walter L. Sullivan of the *New York Times*, featured highly imaginative musings such as Robert L. Forward's (Hughes Research Laboratory) on "Antimatter Propulsion," Steven E. Jones' (Brigham Young Univ.) investigation of "Muon- Induced Fusion," Sheldon L. Glashow (Harvard University) on "Neutrino Exploration of the Earth," and a presentation on "Magnetic Monopoles" by Robert Fleischer (General Electric Research Laboratory).



For copies of *Applications of Particle Physics: Out on the Limb of Speculation*, contact ORTA, WH 2w, MS 208. Also available are copies of the 1983 Roundtable proceedings, *Roundtable on Supercomputer Developments in the Universities*, and *Industrial Participation in Large Science Projects* from the 1984 IA meeting.

## Dorothy Poll Retires After 18 Years as Fermilab Staff Nurse

As Fermilab nears its twentieth anniversary, retirement is beginning to claim employees who have been here long enough to qualify as cherished institutions. Dorothy Poll, who retired from the Fermilab Medical Office at the end of September, surely falls under that category.

Dorothy worked in the Medical Office for 18 years, beginning in September of 1968. Her Fermilab I.D. number, always a revealing statistic, was 264. When Dorothy joined Fermilab, some of the Lab staff was still operating out of offices in Oak Brook, so Dorothy worked there and "out of a car" when she journeyed over to the Lab construction site. She then moved into the Personnel offices at 22 Sauk (where the "Medical Office" was a desk), and then to 24 Sauk and a first aid trailer on the site of Wilson Hall construction.

"I was an 'ambulance chaser,' as well, on all emergencies in the Village, and on all the various construction sites scattered around the Lab," Dorothy recalled.

"Her contribution to the health of Lab employees was so extensive as to be immeasurable," said Dorothy's immediate superior, Dr. Charles Lang, M.D., head of Fermilab's Medical Office in the Laboratory Services Section. "Her memory and experience were both major factors in helping to deliver

concerned medical care with dispatch and precision. Her rapport with employees was another helpful attribute of her nursing skills."

Chuck Marofske, Head of Laboratory Services, who shared the offices at 22 Sauk with Dorothy in the old "Fort Apache" days, said of Dorothy: "Dorothy Poll, who joined the Laboratory as our first nurse in 1968, opted to take early retirement this September. Over the years, her concern for the well being of all of us was consistently evident. On many occasions her alert action and sensitive treatment did much to relieve suffering and minimize anguish over illness or injury. Needless to say, she will be missed by her co-workers in the Medical Office and all Fermilabers who experienced her professional support.

"It is hard for me to make these comments, because I'll miss our almost daily interaction and Dorothy's spirited and reasoned contributions. On the other hand, it is exhilarating to see Dorothy and her husband, Stan, take this well deserved opportunity to enjoy themselves. In keeping with their organized and on-the-go approach to life, I already have a card from them on a trip to the Southwest."

## CONGRATULATIONS TO:

Elvira (*LS/EEO*) and Albert Rodriguez on the birth of their daughter, Cristina Evette, on September 24, 1986, at Copley Memorial Hospital. Cristina weighed 7 lbs., 1 oz., and was 19.5 in. long.

Ann and Richard P. (*AD/DO*) Smith on the birth of their daughter, Caitlyn Antonia, on September 28, 1986. Caitlyn weighed 7 lbs., 8 oz., and was 20 in. long. Mother and daughter were welcomed home by big brothers Paul and David, "and Daddy, of course, who will all be competing for the attention of their cute 'Little Miss Caitlyn.'"

Janice and Ernie (*AD/Cryo*) Ernsting on the birth of Kyle James at Central DuPage Hospital at 11:01 a.m. on October 2, 1986. Kyle weighed 9 lbs., 1 oz., and was 21 in. long. Kyle joined brother Justin at home.

Tamara and Scott (*Safety*) Hawke on the birth of Joshua Nathaniel at 8:45 a.m., October 3, 1986, at Copley Memorial Hospital. Joshua weighed 7 lbs., and was 19.5 in. long. Joshua's older brother is named Scott, Jr.

Rhonda and Jerry (*AD/Ops*) Annala on the birth of their daughter, and first child, Allison Leigh, on October 6, 1986, at Mercy Center. Allison weighed 6 lbs., 8 oz., and was 19.75 in. long.

Susan and Greg (*AD/Cryo*) Johnson on the birth of Kathleen Elizabeth at 6:38 p.m. on October 6, 1986, at Mercy Center. Kathleen was 19.75 in. long and weighed 7 lbs., 9 oz.

## CREDIT CHECKS

The Argonne Credit Union (ACU) has declared November "Financial Fitness Month." In observance thereof, the ACU is offering a new VISA card plan featuring reduced annual percentage rates, from 18% to 16%, no annual fee, and a 25-day "grace period" during which no interest is applied to new charges.

In addition, ACU members who sign up for the share draft program, VISA, and Loanliner will receive a free sweatband emblazoned with "Argonne Credit Union." Add your own sunglasses, strange haircut, and bad attitude, and you, too, can be Jim McMahon. (Members who already participate in all three programs get the headband for the asking.)

For more information on any or all of the above, contact the Credit Union on ext. 3293, or drop by in person at the office (Wilson Hall, 1W).

## Next Research Division Seminars

On November 6, 1986, John Eades (CERN) will present "Results from the Omega RICH Detector."

On November 13, 1986, Jorge Morfin (Fermilab) will present "Survey of Muon Physics."

On November 20, Tom Nash will speak on the "Advanced Computer Program."

These Research Division Seminars begin at 4:00 p.m. in Curia II, Wilson Hall.

## Firefighters Stay Ahead of Danger with New Helmet Design

In mid-July, with a certain amount of nostalgic sadness and little fanfare, the Fermilab Fire Department bid a fond farewell to an old friend and time honored tradition - the leather firefighting helmet. The familiar high crown hat was replaced by a sleeker, leaner, high-tech polycarbonate descendant.



*Past and present versions of the firefighter's helmet are modeled by, respectively, Steve Lusted (l.) and John Babinec.*

Due to changing safety regulations, the old leather model could no longer meet the standards being set by such regulatory bodies as OSHA, NFPA, MIL, etc., who test and approve the equipment used by modern firefighters. Although gone, the leather helmet will not be forgotten for it has a long and illustrious career. The first mention of "fire caps" being worn in the U.S. can be dated back to the early 1700s, but reports of hats or caps being worn by firefighters in Europe can be found even earlier. The early fire hat was worn as much for aesthetic purposes as for safety. Decorative front pieces and holders, and garish colors were very common, some firemen having one helmet for work and a special hand- or custom-made model for Sundays and parades only.

The two most popular styles were the four-comb (panel) style and the stovepipe. The comb or panel style remained in use until the present, and is still in use by some departments favoring this time honored shape. The high crown and wide sloping brim offered firefighters head protection from falling objects and burning embers, and a trough to steer water down around and to his back. The very early helmets were hand-crafted by trunk and harness makers, and were fashioned of stitched leather, oil cloth, pressed felt, and even aluminum.

The front piece, which first appeared in the very late 1700s, was incorporated to designate the wearer's department, rank, and company. The holders for the front piece were often ornate and bore replicas of eagles, fox, greyhound (whippets), sea horses, lions, and firemen with trumpets. A wreath of oak leaves, sometimes worn on the helmet, was a symbol that the wearer had saved a citizen's life.

Many individuals and companies have produced fire helmets throughout the years, the most famous probably being Cairns and Bros., established in 1869 and today the sole manufacturer of leather firefighting helmets.

The helmet style and design in modern helmets are the culmination of years of study and practical testing. The helmets purchased by the Fermilab Fire Department are basically a polycarbonate heat- and impact-resistant outer shell, with a cushioned impact cap which is supported by a webbed hanger. The helmet, which contains Nomex (heat resistant material), has ear flaps and full face and eye protection. It meets or surpasses all state and federal OSHA requirements, NBSIR-1977, and NFPA-1985. The helmet is manufactured by Cairns and Bros., in Clifton, New Jersey.

- John Babinec

### Extracurricular Activities

#### NALREC TURKEY TROT

NOW is the time to buy tickets for the NALREC turkey raffle, a highlight of the annual NALREC Turkey Trot Thanksgiving 'wing'-ding (pun courtesy Dutch Koenig). Raffle tickets (\$ .25 apiece or five for \$1.00) are available from your local NALREC representative.

The Turkey Trot will kick off at 5:30 p.m. on Friday, November 14, 1986 at the Village Barn. Fifty gift certificates, good for turkeys or other grocery items of equal value, will be raffled off.

Besides the raffle, the party will feature Italian beef sandwiches, the usual refreshments, and live music by "Baroque-in-Glass."

#### FILM SOCIETY PRESENTS

The next offering from the Fermilab International Film Society will be *Forbidden Games* directed by Rene Clement. An Academy Award went to this "outcry against the waste of war [which] reveals the effects of violence on the minds of children."

The film will be shown at 8:00 p.m. on Friday, November 14, 1986, in the Ramsey Auditorium. Tickets are available at the door and are \$2.00 for adults, \$.50 for children.

Percentage of trees in New Hampshire whose leaves turned red in the fall of '85: 13

Percentage whose leaves turned red 35 years ago: 9

Greatest pumpkin ever grown (in lbs.): 612

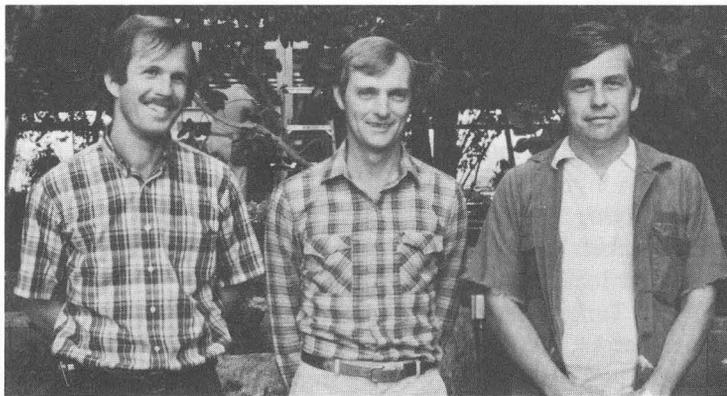
- from *Harper's Index*

## Fermilab's Intrepid Golfers Card Another Round of Links High Jinks

Fall descends; the leaves turn from green to red and yellow, and the golf balls turn from white to orange. The Fermilab Golf League, preferring white golf balls and reasonable climactic conditions, has taken another season into the clubhouse. This year's ace linksters, and league officers present and future, are acknowledged below.



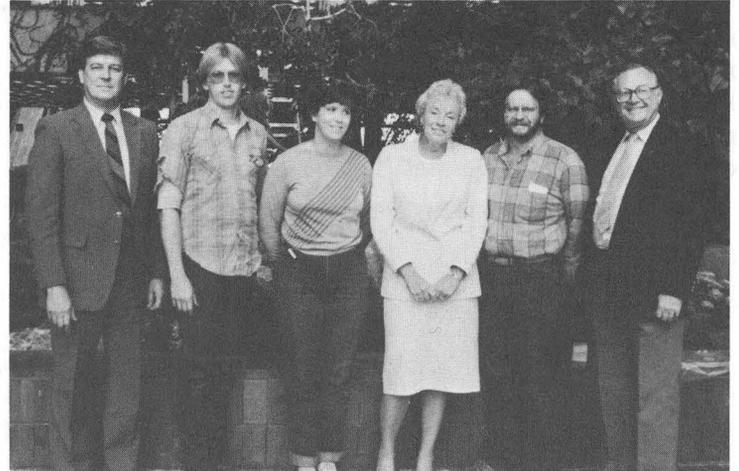
Fermilab over-all champions and champs of the Wednesday Fox Valley Country Club meets are (l. to r.) Ed Pietras, Dave DeWitt, Keith Dillow, and Jim Schiltz.



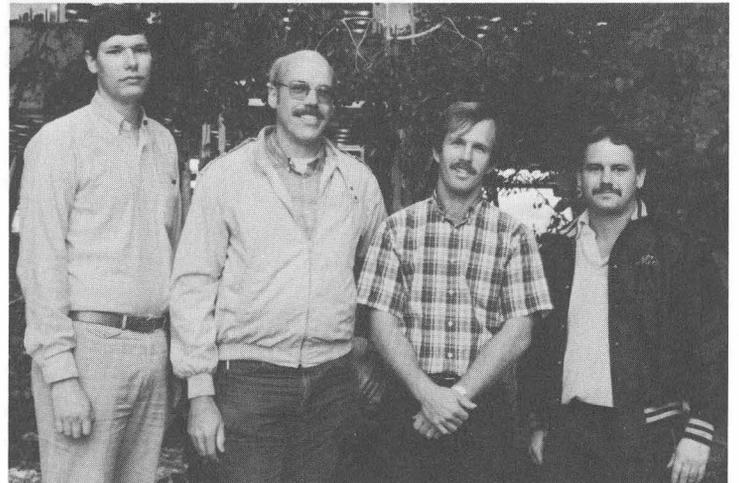
Victorious at the Tuesday Fox Valley rounds were (l. to r.) Tom Peterson, Bob Webber, Larry Allen, and (not pictured) Ron Currier.



Weary but proud from their victory in the Wednesday St. Andrews Country Club competition are (l. to r.) Harvey Falk, Carolyn Longland, Paula Cashin, and Jack Furlong.



Incoming (1987) committee members are (l. to r.) Ed Pietras, Jeff Gordon, Tara Yearous, Carolyn Longland, Steve Baginski, and Norb Lesnieski.



1986's committee members were (l. to r.) Bill Mahler, Al Jonckheere, Tom Peterson, and Kevin McDonough. Not pictured: Bob Wendt and Jeff Western.

### Aerobics, B-Ball on Rec Facility Calendar

An aerobics class will be offered at the Recreation Facility if interest warrants. The class will be held twice a week, for a period of six weeks, from 5:15 p.m. to 6:15 p.m. A Recreation Facility membership is required. For more info, contact Helen McCulloch, ext. 3126.

The 1986-87 Winter Basketball League season begins shortly at the Recreation Facility. Teams, groups, or individuals interested in roundball should contact Stan Boyson (ext. 3416), Necota Smith (ext. 3434), or Helen McCulloch (ext. 3126). A Recreation Facility membership is required.

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