

FermineWS

FERMI NATIONAL ACCELERATOR LABORATORY

Tech Support leaders given FLC awards

Seven Technical Support group leaders recently received a Federal Laboratory Consortium Award of Merit for Excellence in Technology Transfer for their work on the SSC 50mm collider dipole magnet project.

At a ceremony here on April 26, **John Carson, Gregg Kobliska, Peter Mazur, Tom Nicol, Gale Pewitt, Jim Strait** and **Don Tinsley** were recognized for superconducting magnet fabrication technology transfer from Fermilab to General Dynamics and Westinghouse. Bob Williams of General Dynamics also received an award at a presentation at the SSCL.

As a result of the technology transfer, seven SSC magnets were fabricated by General Dynamics through training by the Technical Support group leaders.

To achieve the transfer, 27 General Dynamics personnel and three Westinghouse observers were at Fermilab from April 1991 to March 1992. Training programs were given by each of the Technical Support leaders covering various systems of the magnets. This training included classroom instruction as well as demonstrations in the assembly area. Specialists were trained in each magnet operation by classroom study of the assembly procedure. Following the training program, the General Dynamics personnel completed the magnet fabrication learning process by "shadowing" the experienced Fermilab personnel while a prototype and two complete collider magnets were built. General Dynamics was responsible for the assembly of the next seven magnets of which five were used in the successful Accelerator System String Test (ASST) conducted at the SSCL in the summer of 1992. Westinghouse personnel were on site throughout this process in an observer capacity. The ASST with "industry assembled magnets" was done to demonstrate that superconducting magnet technology has developed to the point where funding for the balance of the SSC could proceed.

The project was managed by Gale Pewitt. He interfaced with the SSCL and was responsible for overall schedules. In addition, he chaired weekly coordination meetings attended by SSCL, General Dynamics and Fermilab personnel.

John Carson was the chief tooling designer for the project and was responsible for fabrication. He



Director John Peoples (4th from l) with award winners (l-r) Gale Pewitt, Gregg Kobliska, Jim Strait, Peter Mazur, Don Tinsley, Tom Nicol and John Carson.

ensured the cooperative work environment between the Fermilab and General Dynamics technicians.

The chief project physicist was Jim Strait. He was responsible for all physics parameters and approved all critical component dimensions.

Tom Nicol designed the cryogenic elements of the magnet and provided engineering consulting to Fermilab and General Dynamics throughout the assembly process.

Don Tinsley served as head of quality assurance for the project. He developed all detail assembly procedures and quality assurance documentation in collaboration with relevant engineers and technicians.

Material acquisition and inventory for the project was the responsibility of Gregg Kobliska. He ensured that acceptable parts were available when needed.

Peter Mazur was responsible for magnet testing. He interfaced with General Dynamics in terms of the measured parameters of the magnets which had been fabricated.

One of the major benefits to come out of this technology transfer will be the creation of a new industry. It is expected that superconductivity will be a major growth industry in the decades ahead. Building on magnetic imaging, future outgrowth

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Please send your article submissions or ideas to the Publications Office.

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Verseput named ASIS chairperson

Gary Verseput (BS/Security) is working hard these days "securing" his profession.

Gary was recently elected chairperson of the Chicago Chapter of the American Society for Industrial Security.

ASIS, a 38-year-old organization, is dedicated to promoting professional growth and development in the security profession.

Gary was elected in October 1992 and will serve as chairperson throughout 1993, managing the efforts of committees, officers and members to ensure the chapter has a good monthly program. Gary also leads the executive committee which plans these activities. Most recently, the chapter co-spon-

sored the Midwest Security Conference held in March in Chicago and awarded three scholarships totaling \$1,200 to Illinois college students.

Gary said his involvement in ASIS has helped him in his life both inside the Laboratory and out.

"My involvement has helped with professional development and education [in the Security office]," said Gary. "We've used seminars presented by ASIS for staff development. In most recent hiring processes, we used ASIS placement and networking mechanisms and hired two professionals who are members of ASIS."

ASIS also helps in accrediting security professionals, Gary said. The organization recognizes the professional ability and experience of certain security officers by naming them Certified Protection Professionals, or CPPs. This designation is similar to a CPA designation in accounting. Two of Fermilab's four Security supervisors, **Greg Falkman** and **Don Foster**, as well as Gary have been named CPPs by ASIS.



Katie Wilson enjoying stay in United States

Katie Wilson is 10,000 miles away from home, she's living in another person's house, has a different job and misses the familiar sound of her native accent. But Katie isn't that affected by all this change, and, in fact, she finds her new environment quite exciting and inspiring.

Katie is an electronic information specialist from Sydney, Australia who is here on a six-month librarian exchange with Fermilab's head librarian **Paula Garrett**. Katie and Paula exchanged positions in early February and have adjusted well in each other's roles. Katie is enjoying heading the Library, while Paula is busy as senior librarian for electronic information at Macquarie University in Sydney.

Katie's initial thoughts on Fermilab have all been positive. "I find it a really stimulating place to work," said Katie. "I am impressed with the focus that everyone has. When I was at the university, it was very multi-disciplinary. The difference I find here is that there is one focus and everyone is working towards that. I think all the people who work here are very committed to the goals of the Lab. The Library staff as well as others I have met are very motivated."

At Macquarie University, Katie (and now Paula) is responsible for a much larger, yet specialized area within the university's library. Her primary duty is the management

of a campus-wide CD-ROM network.

In an overseas message, Paula said she is enjoying managing the network. "The student body of about 15,000 is a very library-aware group," said Paula. "Most times during the day the information desk has queues of 2-20 people. The CD-ROM workstations in the library have to be booked due to the heavy use. As in the U.S., Australia is experiencing the proliferation of electronic information sources and the associated challenges to library services and information dissemination. What's exciting here at Macquarie is the leadership role the library is taking in meeting those challenges."

There is not much of a difference between the two jobs they are now responsible for, said Katie. "There are many common elements of the two positions. We both provide information and respond to the needs of patrons. In addition, what I left in Sydney is a distributed CD-ROM network, which is what we are working towards now in Fermilab's Library."

This exchange is not the first time Katie and Paula have traded jobs. They first switched roles in 1985 while Paula was working at Rice University Library in Hous-



l-r Katie Wilson and Paula Garrett.

ton, Texas and Katie was at the Australian National University in Canberra. This time is very different, however, said Katie. "We both have a lot more responsibility. Before we didn't really discuss each other's job while we were doing the exchange, now we are in contact every day. There are many implications from the decisions we make, and since we have to go back, it makes it an even more cooperative exchange. The whole thing about doing an exchange is you have to be very cooperative and flexible. We are living in each other's house and paying each other's bills."

Overall, said Katie, the exchange is working out well. "It's great. I've learned a lot about physics and I've learned more
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New Payroll Manager joins Lab

Ron Pahl has joined the Laboratory as the new Payroll Manager. Ron, who began his new job February 22, replaces Jo Ann Baaske who headed the Payroll Department for nearly 20 years.



Ron's background covers over 22 years of experience with Wickes Companies and over two years with Transamerica Commercial Finance Company in Chicago.

As Payroll Manager, Ron will assume Jo's responsibilities of consolidating payroll data and insuring employees are paid promptly and correctly.

Ron has an Associates of Arts degree from Northwestern Michigan College and a Bachelor of Science in Accounting from Ferris State University. He has over 20 years of payroll experience including over 5 years as a payroll and accounts payable manager.

Ron said he is fascinated with Fermilab. "The whole complex is impressive. It's enjoyable to look out my window and see deer, geese and other wild animals. It's quite a change from the 22nd floor of a high-rise building in downtown Chicago." Ron added that he finds the people here very friendly. "People are so willing to help."

Awards continued

may include levitated trains and energy storage. This expenditure in the magnets for the SSC will train a number of personnel in this highly skilled activity. This experience by General Dynamics and Westinghouse has created great confidence on their part that they can design and fabricate acceptable superconducting magnets for the SSC. Through the technology transfer activity at Fermilab, General Dynamics will design a superior SSC dipole magnet. Their new design will provide considerable cost savings in the components and simplify the assembly procedure. Funding for the project was provided by the SSCL.

Do you have a job?

Do you need summer help, but have no budget to hire? If so, **Ruby Coiley** of the Equal Opportunity Office, may be able to help.

Fermilab is currently working in partnership with two area Summer Youth Employment Programs (SYEP). One program provides work and job training opportunities for young people in DuPage County. The other provides work opportunities for youths living in Kane, DeKalb and Kendall Counties. Both are federally funded by the Job Training Partnership Act.

Summer Youth Employment Programs are designed to provide work experiences for eligible youths, enabling them to learn about and participate in the world of work.

In order to qualify for the program, the youths must meet federal eligibility for low income families or have a documentable disability. Both programs provide jobs for youths who are between the ages of 14 and 21 by contracting with a variety of not-for-profit agencies. Fermilab has participated in the SYEP for many years.

"The young people participating in this program have varying degrees of job skills and experiences. They are matched to the available positions according to their

interests and abilities," said Ruby.

A SYEP participant could be an asset to your current staff, allowing you to add an extra worker without adding extra salary



Ruby Coiley

costs, but there must be a commitment on the part of the supervisor to train and supervise the young worker. This is the first actual work experience for many of the participants. Through their supervisors' guidance, they will be learning about taking directions, following rules and experiencing the rewards that work provides. Hopefully they will also be learning or enhancing valuable work skills.

If you have work that could provide a meaningful summer job experience for a young person and are willing to provide the assistance and guidance necessary, please contact Ruby Coiley at x8365. Be prepared to describe what the job would entail, the skills level necessary for the position and the training you as a supervisor would offer. SYEP participants can be hired both full and part time.

Exchange continued

about managing a library on its own. I've been able to work with all aspects of a library's operations, whereas my job at Macquarie relates to just one part of the library. This is very good experience and gives me a totally different perspective."

Besides all the things she has learned during the exchange, Katie also enjoys the many people she has met at Fermilab. "I like the international cooperation atmosphere here. It is like a microcosm of the world. There are so many people from all around the world, again, all working at the same kind of goal. That's unique."

In Australia, Paula is experiencing a kind of culture shock. But a shock, she said, that is enjoyable. "I'm enjoying a reverse

culture shock, if there is such a thing. From living in North Aurora to living in the middle of King's Cross, a sort of Bourbon Street area of Sydney, I only have to walk out my front door for entertainment. Katie's the one suffering culture shock in the 'burbs, I imagine."

As for the United States, Katie said she finds America the "ultimate consumer society." "I get baffled sometimes when I go to the supermarket. I have to look at all these different brands. Australia has a slightly irreverent attitude toward life. What I really like about this country is the feeling that anything is possible. You want to do something, there's a way. I like that feeling of confidence."

Long-term care insurance offered

In response to the results of an employee survey last year, Fermilab is offering long-term care insurance. Long-term care refers to the types of services provided by a nursing facility or home health care agency. This new benefit for employees is provided through CIGNA Insurance Company. CIGNA's plan was chosen based on an evaluation of cost, coverage options and service record. This coverage is available to employees, spouses, retirees, parents and parents-in-law.

Participants can customize the plan and choose from several options. Information kits have been mailed to each eligible employee and retiree. The kit contains a workbook to calculate the level of coverage desired as well as the cost.

Informational meetings will be held in Wilson Hall, 1 West Conference Room on:

- Tuesday, May 11 - 9 a.m., 10:30 a.m. and 7 p.m.
- Wednesday, May 12 - 9 a.m., 10:30 a.m. and 3 p.m.

A CIGNA representative will be on hand to explain the plan and answer questions. Those attending a meeting should review the information kit and bring it with them to the meeting.

Open enrollment for long-term care insurance ends June 11, 1993. All enrollment forms must be completed and returned to the Benefits Office by June 11.

Take a moment to look into long-term care and see if it can benefit you. Contact the Benefits Office if you have any questions at x4362.—*Karin Etter*

For the health of it

Free blood pressure checks will be given May 18, 1993 from 11:30 a.m. to 1 p.m. in the Wilson Hall Atrium. Stop by to have your blood pressure checked—just for the health of it.

Benefits notes

Parents of 1993 college graduates

College graduation is around the corner for some employees' children. If your children are enrolled in the Laboratory's medical and dental plans, **their coverages terminate on graduation day**, unless they are under age 23 and enrolled in graduate school. If your children do not have group medical and dental coverages elsewhere, they can elect to continue on the Laboratory's plans. There is a time limit on the election period. Please call the Benefits Office at x4362 or 4361 for details and election forms.—*Paula Cashin*

Health fair coming to Lab

Mark your calendars and make time to attend the health fair to be held in the Fermilab Atrium on Wednesday, May 12 from 10 a.m. until 2 p.m.

Eleven local health-care providers will participate in the fair sponsored by the Fermilab Wellness Committee. Information spanning a broad range of health-related issues will be available at the fair. According to **Bernie Dugan**, Wellness Committee member, the purpose of the fair is to provide information to employees about the health-care facilities, programs and options available in their communities so that they can make informed health choices. "Information presented at the fair will cover both men's and women's health issues, nutrition, back care and much more," said Bernie.

The fair will feature interactive displays, give-aways, demonstrations and literature. Health-care representatives will be available to answer questions.

Harper's Index

Total amount spent on candy last Mother's Day, per American mother: \$4.70.

Rank of May among months with the greatest U.S. rainfall: 1.

Vax cluster name changed

As you may have noticed, on May 1 Fermilab's central VAX cluster was renamed from FNAL to FNALV. The name FNAL was transferred to the new site-wide electronic mail-server.

If you still have concerns about the name change, please refer to the articles in the Computing Division Newsletter, the on-line INFO article, or document TN0074 available from the Computing Division Library. If you wish to learn more about the features of the new electronic mail server please refer to DCD Release Note #28, available from the Computing Division Library.

If you wish to discuss any issues pertaining to the name change or the new electronic mail-server with the Computing Division, please contact the Consulting Office at x2345 or FNAL::CONSULT.—*Tim Doody*

Need more copies?

Are you getting enough copies of *Ferminews*? If you have new hires or summer employees please notify the Publications Office at x3278, MS 107, FNAL@TECHPUBS to update your count.

Wellness Committee sponsoring fun run

The Wellness Committee will be giving Fermilab employees a chance to win one of two grand prizes later this month. Two lucky health nuts who participate in the Most Original, 1993 Walk, Run, Crawl, Skip, Hop, But Not Drive Around Part of the Main Ring Road on May 19 from 11:30 a.m. to 1 p.m., will win a Fermilab Pool individual season swim pass or an individual Fermilab Fitness Center membership (good for the rest of the year). WOW! We're planning on having a good time. The baby geese will be coming soon and the service buildings look lovely at this time of the year. I'll see you there.

—*Audrey Hopper*

Arts Series presents

Accordion Showcase

Accordion music from around the world will have your toes tapping as the Fermilab Arts Series brings a diverse sampling of music produced by the squeezebox Saturday, June 5. Cost is \$10.

Ireland's Sharon Shannon, at the young age of 23, is one of the brightest young folk stars in her native country. Considered an accordion virtuoso, she has attracted enormous critical and popular attention in her native Ireland and around the world. Sharon Shannon will be joined by an acoustic trio of bass, fiddle, and guitar.

Eddy Le Jeune inherited some big boots to fill as the son of legendary Cajun accordion player Iry Le Jeune. Now Eddy has affirmed his notable place in the world of Cajun music with his own band, The Morse Playboys, as well as in his frequent collaborations with D.L. Menard. Eddy Le Jeune gives us some classic Cajun house music, pure and simple. The Showcase rounds out with accordion and violin music from Eastern Europe performed by Djula & Jovan.

For information or reservations, call 708-840-ARTS weekdays from 9 a.m. to 4 p.m. At other times an answering machine will give you information and a means of placing ticket orders.

Congratulations to

Kimberly and Mark Klayum

(AD/EE) on the birth of their daughter Megan Catherine.

Megan was born on March 18, 1993 at 10:49 a.m. at Mercy Center in Aurora. She weighed eight pounds, three ounces and was 20 inches long. This is the Klayum's first child.

Doug and **Monica Veracini-Watson** (BS/Contracts) are the proud parents of Olivia Simone. Olivia was born on March 2, 1993 at 4:59 a.m. at Mercy Center in Aurora. She weighed six pounds, 12 ounces and was 20 1/4 inches long. This is their first child.



Movie schedule announced

The Fermilab International Film Society presents movies from all over the world. Movies are shown at 8 p.m. Fridays in Ramsey Auditorium. All foreign films have English subtitles. Admission is \$3 for adults, \$.50 for children 12 and under.

May 7: *Seconds*, a man thought to have died uses the opportunity to start over with a new identity. Rock Hudson stars with cinematography by James Wong Howe. Frankenheimer, director, U.S., 1966, 106 minutes.

May 21: *The Black Robe*, a 17th-century Jesuit missionary journeys into the far North wilderness to convert Huron tribes. Meticulous recreation of the Indian cultures. Bruce Beresford, director, Canada/Austria, 1991, 101 minutes.

Lab to host AA meeting

Fermilab will host the 1st Annual Fox Valley Open Alcoholics Anonymous meeting May 22 in Ramsey Auditorium. Doors will open at 7 p.m. and the open-speaker meeting will begin at 7:30 p.m.

The meeting is open to anyone interested. You do not need to be a member of AA or an alcoholic to attend.

Three speakers will talk about how they have dealt with their sobriety over the years.

The meeting is sponsored by Alcoholics Anonymous District 61. For more information call Mike O. at 708-879-0514.

Canoes for rent

Take a relaxing canoe ride down a river, in a pond, around a lake or wherever you choose. The Activities Office offers canoes for rent. The cost is \$5 per day per canoe. Life jackets are also available. Reservations and payment must be made in advance. To register stop by the Activities Office located at WH15W, Monday through Friday from 8:30 a.m. to 5 p.m. For more information, call the Activities Office at x2548 and take some time for a nice day of relaxation.

Chez Leon May menus

May 12, Lunch: Spicy cream of tomato soup, Cajun shrimp salad w/avocados, pecan torte, \$13.

May 13, Dinner: Carribean crab souffle, filet of red snapper w/saffron tomato sauce, coconut rice, homemade mango ice cream, \$23.50.

May 19, Lunch: Gruyere and ham quiche, grilled duck breast w/orange sauce, vegetable of the season, frozen Gran Marnier souffle, \$13.

May 20, Dinner: Prosciutto and cheese calzone, grilled pork tenderloin w/lemon & bay leaf, vegetable of the season, endive, walnut & gorgonzola salad, poached pear w/raspberry sauce, \$23.50.

May 26, Lunch: Lebanese appetizers, grilled kabob w/vegetables, rice pilaf, baklava, \$13.

May 27, Dinner: Stuffed red and yellow peppers, scampi, lemon vegetable rice, espresso ice cream w/madeleines, \$23.50.

Nalwo activities

Eat, dance and be merry! Nalwo invites you to attend the potluck dinner at 5:30 p.m. at the Village Barn on Friday, May 21. At the dinner, the Fermilab International Folk Dancers will present a variety of dances from around the world that everyone can learn and do. Please bring a dish to share. If you cannot bring a dish, please contribute \$3 at the door. Families are most welcome. Enjoy the company and conversation of Lab employees, associates, visitors and guests amid music, dance and excellent food!—*Susan Mendelsohn*

Learn to swim

Fermilab is offering children's swim lessons at the Fermilab pool. Lessons will be held on Monday, Wednesday and Friday with beginners from 11-11:45 a.m. and intermediate from 10-10:45 a.m. First session begins June 14 and ends July 26. Second session is July 19-August 20. Openings are still available in all classes. Applications are available in the Activities Office, WH15W. For information call Jean at x2548.

Coed volleyball ends season

The Fermilab Coed Volleyball League ended another successful season which featured eight teams of men and women competing over a 21-week season.

The Red Barbarians, Terror of the Prairie, won top honors as league champions and also prevailed as winners of the post-season tournament.

The Red Barbarians lost only one match all season, finishing with a total of 73 points. Second place went to the Flying Geo Ducks with 59 points, the Dream Team finished third with 51 points and fourth place went to the Surfin' Penguins with 48 points. The Rusty Bumpers, the Lyons, Team Mung Mung and the Wolves finished with 35, 25, 10 and 7 points respectively.

In first-round playoff action the Dream

Team held off the Rusty Bumpers, the Flying Geo Ducks beat Team Mung Mung, the Surfin' Penguins defeated the Lyons and the Red Barbarians prevailed over the Wolves. In the tournament semi-finals the Flying Geo Ducks were paired with the Dream Team while the Red Barbarians were matched up with the Surfin' Penguins.

In the best-of-three format, the Flying Geo Ducks and the Red Barbarians were both 2-0 winners and faced each other in the finals. In a hard fought contest the Red Barbarians prevailed 2 games to 0, capping off another exciting season of volleyball.—Ron Ray



The Red Barbarians l-r: Bryan Mackinnon(CD), Panagiotis Spentzouris (E665), Flavia Raffaelli (CDF), Ron Ray (RD/RFD/KTev), Mika Masuzawa (E760), Rurngsheng Guo (E665), Sandra Leone (CDF) (not shown).

Soccer league completes season

For the past 10 years, there has been interest in playing friendly soccer matches among Lab personnel. A team composed of primarily Fermilab personnel has played indoor soccer at Glen Ayre Sports Center in Carol Stream during the winter months and "pick up" games are played on Tuesdays and Thursdays on fields located by the Village barn. As enthusiasm for the sport continues to grow, so has the need to organize the activity. Through the efforts of **Sandor Feher** (DØ) and **Pat Mooney** (DØ) and **Jean Guyer** of the Activities Office, an indoor soccer league was formed to play in the Village gymnasium this past winter.

This fledgling league assembled four teams of Fermilab employees and users to play on Wednesday evenings. With one exception, the teams were composed of a mixture of very experienced players and newcomers to the game. As the season progressed, the new players developed a sense of the game, and their ball handling skills improved to match the increasing competitiveness of the game. By the time the season was completed, the teams were playing tightly competitive games.

The one exception was a team com-



Members of the Fermilab Soccer League Row 1, l-r: D. Denisov, S. Rouzine, A. Vasiliev, Y. Katoy, A. Leflat. Row 2, l-r: V. Bhatnager, P. Mooney, T. Kaneko, S. Abachi, S. Chihangir, G. Waver. Back row, l-r: S. Gruenendahl, V. Balamurali, J. Amaral, G. Alvarez, J. Balderston, V. Papavassiliou, A. Peryshkin, R. Andrews, H. Castilla, R. Silva, L. Sorrell, S. Feher and B. Madden.

posed primarily of several Russian experimenters, that eventually won the league. This team became the model of play and helped the other teams improve by demanding performance under pressure. The league was fortunate to have such a catalyst, and their challenge accelerated the development process of the league.

Currently, a spring/summer outdoor league is being planned (again through the efforts of Sandor and Pat) and new players are being solicited. All Fermilab employees and users and their immediate families are invited to participate. Games will be played on Tuesday and Thursday evenings at 6 p.m.—Pat Mooney

Calling all sports fans!

It's that time again to dust off the sports equipment and head for fun. The Fermilab summer league sports teams are now forming. Anyone interested in playing volleyball, basketball, softball, tennis or soccer, or a combination thereof, please notify the contact of your chosen sport listed below.

Coed Volleyball "Fun" League begins May 25. Games are played Monday and Tuesday evenings at the outdoor volleyball courts behind Kuhn Barn. The captains' meeting will be held May 18 at 5:30 at the courts. Contact: Jean Kidd x3278, FNAL::JOAN or Jean Guyer x2548, FNAL::JEANM. The league representatives are Jean Kidd and Roger Slisz.

Basketball League begins May 20. Games are played Thursday evenings at the Recreation Facility Gymnasium. The captains' meeting is May 6 at 12 p.m. in the gym. Contact: Jean Guyer x2548, FNAL::JEANM. The league representative is Ed Hagler. You must be a current gym member to participate.

Coed 14" Softball League begins May 24. Games are played Monday and Wednesday evenings at the Fermilab softball field. The captains' meeting is May 12 at 12 p.m. at the field (WH Atrium if it rains). Contact Rene Padilla at FNAL::PADILLA or Jean Guyer x2548, FNAL::JEANM. The league representative is Rene Padilla.

Weekday Singles Tennis League begins May 3. Games are played Monday through Friday at the outdoor tennis courts (behind Kuhn Barn). Contact Mercedes Nylund at FNAL::REYES. All levels welcome.

Sunday Doubles League begins May 23. Games are played Sunday evenings at the outdoor tennis courts. Contact Mercedes Nylund at FNAL::REYES. Intermediate and advanced levels only.

Outdoor Soccer League begins May 3. Games are played Tuesday and Thursday evenings at the field located adjacent to softball and volleyball fields. Contact Sandor Feher at FNAL::FEHERS, Pat Mooney at FNAL::MOONEY or Jean Guyer x2548, FNAL::JEANM.

In memoriam Thomas E. Nurczyk

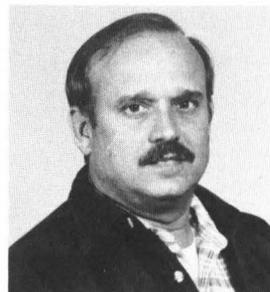
Thomas E. Nurczyk, a long-time Fermilab employee, passed away on April 7, 1993. He began working at the Laboratory on December 4, 1972 in the Proton Group. In 1973 he moved to Research Services Alignment, as it was called then, and then joined the Research Division Site Support Group in 1984, where he worked as an operations specialist.

"If given the time, I could write pages about Tom," said supervisor Jim Volk. "The loss of Tom is deeply felt by all of us in Alignment."

Tom is survived by his wife Barbara and two sons David E. and Thomas C. (TS/

Machine Shop). He is also survived by numerous other relatives, nieces, nephews and cousins. Among them are Fermilab employees Donald TS/Magnt Prod), Leighann (BS/Mail) and Michael Nurczyk (RD/Col Det Fac).

He was a lifelong resident of Joliet, Illinois.



Education Office co-sponsors Science Options Day

Area scientists, engineers and teachers, including two Fermilab employees, gathered at Carl Sandburg Middle School in Mundelein this past winter for a Science Options Day, co-sponsored by the Education Office.

The event, held on February 9, 1993, was organized to show students the many options available in the science profession today.

Robin Dombeck (LS/Education) organized the event with assistance from Sandburg Middle School staff and parent organization. This was the second year a Science Options Day was held.

Denton Morris (AD/Accel Oper) opened the event, discussing his experiences in science. **Joel Fuerst** (AD/Cryo System) led a session on mechanical engineering. Through discussion and demonstration, Joel gave the students a brief overview of what is



Denton Morris offers his help to students during the Science Options Day.

involved in his field. Topics he covered included design, materials, dynamics and thermal-fluid systems.

Other sessions held during the day included the science of juggling, a live interactive session of the martial arts and instruction of basic

flight principles by a U.S. Coast Guard lieutenant. Students also explored the role of research and development in cardiovascular medicine and worked with the Amigo computer system which is able to produce many of the special effects used on television and movies.

Teachers from Carl Sandburg and other northwest Chicago suburban schools led sessions, as well as scientists from Baxter Laboratory, Ryerson Nature Center, Lake County Educational Service Center and the Chicago Botanic Society.

Online catalog

The Library now places records for the preprints it receives in its online catalog. Some of these records now include address information for preprint bulletin boards. Here is an example of what you might see:

KANAZAWA-93-04

Equivalent models for gauged WZWtheory
March 1993

HEPTH-9303081

hep-th@xxx.lanl.gov

This means that you may retrieve the TeX version of this paper by sending e-mail with the text GET 9303081 as the subject of the electronic mail message to the Internet address given above.

The loading of preprint records is done when the new preprints are placed on display each Tuesday. A list of the preprints may be accessed in the search mode by using the date of the Tuesday of the current week and the keyword "preprint," i.e. "Find preprint and cataloged 13-APR-1993." To cancel the display of a long list of preprints (or any other display) press control-C. Contact the Library at x3401 if you need assistance.

CD-ROM databases

The following CD-ROMs are now available for use in the library:

Computer Select - contains abstracts of articles from over 100 computing journals, with the full text of the articles of more than half the journals, plus software and hardware product specifications and computer company profiles.

INSPEC - from the Institute of Electrical Engineers. Contains abstracts of published literature on all aspects of physics, electronics, electrical engineering, computer science and information technology.

Boiler Pressure Vessel Codes - corresponds to the American Society of Mechanical Engineers list of codes.

Journal Survey

During May the Library will be surveying the use of its journals. This will include current issues as well as back issues.

Classified ads

Vehicles

1987 Pontiac 6000, very good condition, \$3,000. Call Jerry at 708-851-9353.

1985 Cadillac Sedan-Deville, excellent condition, no rust, power everything, all the extras, 92K highway miles, asking \$4,750 o.b.o. Call Jack at x2812.

1979 Ford Monster truck, F350 4x4 lift kit, 44" mudders, triple rollbar, KC lights, built 351 W. Automatic, over \$15K invested, selling \$6,000; **1957 Chevy Pickup Prostreet**, 350 engine, automatic, P.S., P.B., T.H., suicide doors, runs great, \$6,000; **1931 Ford Coup** w/rumble seat, original white walls, cowl lamps, runs & drives great, \$6,500 o.b.o. Call Mike at 708-553-0541.

Miscellaneous

Golf clubs, Pro Line Maxfli irons, 3 thru P.W., like new, asking \$115. Call Jack at x2812.

Wanted: **used propane tank** (30 lbs.) for a gas grill. Please contact FNAL::CARRIER with the offers/information.

Apple IIc, keyboard, monitor, disk drive, Image Writer II printer, Apple Works, Print Shop software, extra paper and manuals, \$350 o.b.o. Call Martha at 708-406-9710.

Notebook IBM 386 SX 20 Mhz, 42 MB. Hard drive, 4 MB ram, x-pand to 16 MB. Windows installed, 2 battery packs and 1 charging unit, 3 1/2" 1.44 MB, floppy drive, VGA display, \$1,000. Call 708-557-2523.

Solid wood **dresser & nightstand**, \$45; **futon** with cover, \$40. Contact Sharon at x3662 or e-mail VASHA@FNAL.

Men's brown leather jacket by Members Only, size 46, worn only twice, \$300. Call Shelley at x3324.

Tube style **drafting table** with T-square; **double bed** with rails and night stand; **sleeper sofa**; **end tables & lamps**; **desk** with book shelf and fold-up table top for design work.

All items in great condition. Call Rick at x3782 for prices.

Schwinn Mirada 18 speed mountain bike, size 18 frame, \$150; **desk**, \$25; **rollaway bed**, \$75; **Nintendo** w/misc. games & accessories, call for breakdown. Call Greg at x3011.

Women's 10 speed bike, Schwinn Gold Cup, alloy frame, 27" wheels, excellent condition, \$125. Call Gary at x4949.

Real estate

3 bed **brick bungalow** w/finished rec. rm. in basement and detached 1.5 car garage. New cent. A/C sys. installed in 1991, spacious yard, accessible to schools, church and shopping. Approx. 1.5 miles from tollway, well maintained. For more info. call 708-898-8767 or 708-851-0249.

Lovely **4 bed ranch**, 2.5 BA, full basement, 3 car attached garage, LR, family room with beautiful stone fireplace, formal dining rm. Many amenities, on quiet cul-de-sac. Call 708-377-0482.

Postdoc seeks **summer rental** in Fermilab vicinity beginning June 1. Call Jean Therrien at 914-693-9270 or Erik Gottschalk at 914-591-8100 x255.

Large 2 bed apartment for sublet for \$630/month in residential Batavia. Central heat/AC, available immediately. Contact John at FNALV::WRBANEK or x4329 and leave message.

Furnished house for rent for 1 year beginning August 1993. Located on the west side of Geneva in a quiet neighborhood. 2 story house includes living & dining room, kitchen, family room, 4 bedrooms, 1 1/2 bath, basement, stone fireplace and 2 car garage, \$1,200. Contact 708-232-7459 or ADAMS@FNAL.

Pets

Free to good home, preferably with kids. Loveable **dog**, about 20 lbs., mixed breed. Black w/brown and white markings. Very sweet & good w/children, but needs more time & space than I can give. Call Janet at x2059 or 312-384-0886 for info.