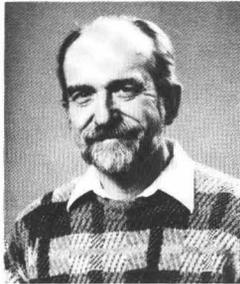


# Ferminews

FERMI NATIONAL ACCELERATOR LABORATORY

## Ray Stefanski appointed assistant director

Director **John Peoples** appointed **Ray Stefanski** as a Fermilab assistant director. Ray's appointment became effective January 1, 1993 and marks his return to the Laboratory following two years of work at the SSC Laboratory. Ray's duties as an assistant director will be to provide assistance to **Dennis Theriot**, associate director for technology.



Ray Stefanski

From 1983 to 1986, Ray held the position of deputy project manager for Tevatron II. In this position, he contributed to several phases of the Tevatron II project, including design, coordination and budget management. In 1986 he became associate head for construction in the Research Division and also served as head of the Research Facilities Department in the Research Division.

Ray received a Ph.D. in Physics from Yale University in 1968 and an M.B.A. from Keller Graduate School of Management in Chicago in 1983.

Besides his duties as an assistant director, Ray is also a member of E853, which is a study of crystal extraction techniques at the Tevatron.

## Hazel O'Leary picked to head DOE

Hazel Rollins O'Leary was chosen to be the new U.S. Secretary of Energy by President Clinton. O'Leary replaces Admiral James D. Watkins, who headed the department under the Bush administration.

O'Leary, 55, previously served DOE as Administrator of the Economic Regulatory Administration (ERA) beginning in January 1980. She first joined DOE at its creation in October 1977 as Deputy Administrator of ERA.

Outgoing Secretary Watkins said in his Annual Posture Statement he was "very proud" of how the men and women of the Department and its contractors have "responded to the events and challenges of the past four years and how much progress has been made." Watkins added, "Although there is still more to be done, most of the hardest steps are behind us and the next Secretary of Energy will inherit a department that has become one of the finest in all of government."

In his new position, Ray will be involved in managing the Quality Assurance Office, until a head of the QA Office is selected, and developing and managing a maintenance plan in accordance with DOE Order 4330.4A. Ray will also be overseeing the Facilities Engineering Section. Under Dennis' direction, Ray will be responsible for the maintenance of Fermilab Technical Site Information documents and the management of DOE correspondence on QA, Maintenance and Real Property. In addition, he will provide Directorate oversight of Research Division construction projects and serve as secretary of ESHAPAC.

Before returning to the Laboratory as a member of the Directorate in June 1992, Ray served as department head for Detector Engineering Resources at the SSC Laboratory from August 1991 to May 1992. From January 1990 to July 1991, he was the SSC's department head for Experimental Facilities Support.

Ray began his Fermilab career in August 1969 as a member of the Experimental Areas Department. There he carried out beam optics calculations for several types of beams, ultimately concentrating on neutrino beams. During the 1970s, Ray was a member of the Neutrino Area serving at different times as leader of the Beams Group, group leader of the Electrical Support Group and associate department head for operations. In 1981 he became head of the Neutrino Area, which he served until June 1982 when he was appointed head of the Construction and Planning Group in the Experimental Areas Department.

## inside

People in the News  
page 2

ES&H Classes  
Planned  
page 3

Announcements  
& Events  
page 4

Credit  
Information  
page 6

Ferminews is published by the Fermilab Publications Office. MS 107, P.O. Box 500 Batavia, IL 60510 708 840-3278 FNAL::TECHPUBS

The deadline for the Friday, February 19 issue of *Ferminews* is Wednesday, February 10. Please send your article submissions or ideas to the Publications Office.

Fermilab is operated by Universities Research Association, Inc. under contract with the U.S. Department of Energy.



## Chrisman attends education planning meeting

As part of Fermilab's mission to promote education, Associate Director **Bruce Chrisman** attended an executive planning meeting at the Illinois Institute of Technology's Rice Campus on January 20.

The planning meeting was held so that IIT, through the input of local businesses and laboratories, such as Fermilab, could identify the educational needs of the area's work force. Also attending were employees from Waste Management and local environmental and engineering firms.

One of the suggestions made at the meeting was that a stronger educational emphasis should be put on environmental and energy resource management. Bruce said that these two issues are quickly becoming a central aspect to business, and more universities and colleges should perhaps develop courses to serve that need. Business representatives also suggested courses in quality management. The attendees said this would perhaps help engineers and other employees in small firms that do not have a staff dedicated to quality assurance.

Other issues discussed included the possibility

of IIT serving as a catalyst for technology transfer between area laboratories or large companies and small businesses.

Bruce said that Fermilab's participation in this planning meeting keeps the Laboratory involved in the changing academic world locally, particularly as it relates to opportunities for people employed in the area to continue their education. "We can influence it slightly by expressing our opinions on what they should be concentrating on," Bruce said. In turn, the Laboratory receives information that can keep Fermilab more closely in touch with what is going on at local colleges and universities.

Bruce has also attended a similar planning meeting at Illinois Benedictine College, and said he would not be surprised if more local colleges, such as North Central or Elmhurst, began holding similar planning sessions.



Bruce Chrisman

## Study reveals inequities in education system

A year ago the American Association of University Women released the findings of a study that shocked some, but merely confirmed a belief for others.

The study revealed that girls may not be getting the same educational opportunities as boys in our public school system and are systematically, if unintentionally, discouraged from a wide range of academic pursuits. Through teaching methods and tools, counseling and gender role stereotyping, gender differences that are slight at age 8 or 9 become barriers to entire areas of study and, later, careers by age 15, the study contended.

Since publishing the report, the AAUW has been holding a series of Roundtables on Educational Equity for Women and Girls to discuss the results of the study. The AAUW hopes these discussions will lead to plans for actions by those concerned with education.

Assistant Director **Jack Pfister** attended the AAUW DuPage Area Roundtable on Educational Equity for Women and Girls held recently at Argonne along with forty leaders of local businesses, educational institutions, media, government and community organizations.

According to Jack, the study is significant because of the importance of the issue at hand. This study, said Jack, goes a long way in helping understand why it is difficult to attract women to science. "This is one of those deals, sort of like *Field of Dreams*: 'build it and they will come.' It just isn't so. The fact of the matter is if you cut out half the population or some large fraction of the population, there is no way they will come."

At the roundtable copies of the AAUW Report *How Schools Shortchange Girls* were distributed to the participants. The report is a distillation of research published in the past twenty years on gender equity in education. The report confirmed that U.S. girls still do not receive an education equal to that of boys, and that often times a girl is treated unfavorably in the classroom.

"We want to attract people to science and technology fields, not just boys or girls," said Jack. It is Continued on page 7



Jack Pfister

# Cold weather tip

## Watch out for frozen batteries

Do not attempt to jump start or charge a frozen battery. A "dead" battery freezes at temperatures below 15° F. In this condition, there is added danger of an explosion from sparks near the vent holes. A battery emits explosive hydrogen gas.

To avoid the risk of injury, it is recommended that you remove the battery and move it inside to warm it up before attempting to put the battery back in service.

When connecting a charger, follow these safety precautions:

- Charge only in a well-vented area.
- Wear safety goggles for maximum eye protection.
- Be sure water (electrolyte) is at the proper level. It should cover the plates. If the level is low, add water.
- Place a damp cloth over the vent caps.
- Be sure your charger switch is in the "off" position and that the charger is unplugged before connecting or disconnecting it.
- Make the positive (+) connection first. If you are hooking up your charger with the battery in the car, make the negative connection to a good ground, away from the battery.
- Do not smoke or light a match when working around a battery.

When using booster cables, follow the precautions recommended for connecting a battery charger. Be sure your batteries are of the same voltage. Make your connections as follows:

- Connect the positive (+) cable to the positive post of the "dead" battery.
- Connect the other end of that cable to the positive post of the booster battery.
- Connect the other cable to the negative post of the booster battery.
- Make the final connection to the engine block of the stalled car, away from the battery.
- Stand back, start the engine and remove the cables in reverse order. —*Car Care Council*

# Lab announces ES&H courses

Fermilab will host a number of environment, safety and health courses to train employees on different safety-related issues.

An "Orientation to Occupational Safety Compliance in DOE Safety & Health Training" will be held February 9-19, 1993. This DOE-sponsored course will be presented by Pacific Northwest Laboratories. The class is designed for Fermilab management, safety professionals, members of the Laboratory Safety Committee and associated subcommittees and personnel expected to perform safety audits. All persons in the above categories are encouraged to attend. The cost will be nominal to cover fees. Those interested should contact their division/section ES&H group or Larry Thompson at x8806.

Fermilab and Argonne National Laboratory will be co-sponsoring pressure safety training courses at Argonne in March. The

training consists of four classes: Orientation, Intermediate Pressure Safety, High Pressure Safety and a Pressure Seminar for Engineers. All personnel involved with pressure systems in the above categories should attend. For more information contact Arie Lipski at MS 316 or Kurt Krempetz at MS 357.

A Hazard Communications Level-1 training course is currently being offered twice a month until all Fermilab personnel have completed it. The course is designed to insure that Laboratory personnel are aware of the chemical hazards that they may encounter in their work. The training takes approximately one hour and is being taught by Maureen Huey from the ES&H Section. Contact your division/section ES&H group to schedule the class if you have not received the training.

## Do you read us?

The editorial staff in the Publications Office is interested in knowing what you like to read in *Ferminews*. Are we giving you articles that you are interested in or are you just reading the classifieds and then doing your part in the recycling effort? So that we can be sure to include the news you want to read, please mark the topics below that you would be interested in reading using the following numbers:

- 1 – would frequently read
- 2 – would occasionally read
- 3 – would never read

Please return the form to the Publications Office at MS 107.

- \_\_\_ Employee stories/personal news
- \_\_\_ Personnel changes
- \_\_\_ Personnel appointments/promotions
- \_\_\_ Personnel policies and practices
- \_\_\_ News from various departments
- \_\_\_ News on the experimental program
- \_\_\_ Events/activities
- \_\_\_ Seminar/meeting reports
- \_\_\_ ES&H tips
- \_\_\_ Construction activities

*Ferminews depends on input and submittals from the Fermilab community.* If you have a story suggestion or information on an employee's retirement, accomplishments or any other pertinent information, contact Cindy or Jean in the Publications Office at x3278, MS 107, WH15SW or FNAL::TECHPUBS.

## New four-digit paging system instituted

In order to provide additional pager support to the Laboratory, a new paging system capable of supporting four-digit paging codes has been installed. Existing three-digit codes are supported on this system through the insertion of a leading zero into the codes.



For example, if you are dialing the three-digit pager #123, insert a "0" before the three-digit pager number. The paging sequence would then be as follows:

Dial 72. The system will respond with a tone. Dial 0123. The system will respond with a second tone. State your message and disconnect.

Please note that the new Fermilab phone books list all existing three-digit page codes as four-digit codes with a zero preceding the original code.

If any questions arise, please call Telecommunications at x3788.

## Nalrec news

Nalrec is sponsoring "Winners Night at the Races" at Hawthorne Race Track Friday, February 12, 1993. The trip costs \$10 per person and includes a motorcoach from the Laboratory to Hawthorne, clubhouse admission, a race program and snacks and drinks. The motorcoach will leave from Wilson Hall at 6:30 p.m. Call Gary Smith at x3878 for reservations.

Mark February 19 on your calendar—it's the February Social Hour at the Village Barn. The fun begins at 5:15 and ends at 9:30 p.m.

## Attention all brown baggers!

February 17 from noon to 1 p.m. in the Auditorium we will once again have the opportunity to drag ourselves away from our Macintosh's and ergonomically designed chairs for a Wellness lunchtime seminar on nutrition.

Mark your calendar right now with a pink highlighter because the information you will receive during these 60 minutes could help you break

## URA scholarship applications due

Candidates for Universities Research Association (URA) scholarships are reminded that applications are due March 1, 1993. Applications are available from and should be returned to Personnel Services, M.S. 113, x4367.

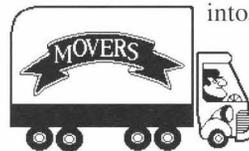
Scholarships are awarded on the basis of S.A.T. (Scholastic Aptitude Test) scores.

URA awards a number of scholarships to regular, full-time Fermilab and SSC employees' children who are currently high school seniors and who will begin a four-year college degree program next fall. The maximum amount of the scholarship is \$3,000 for tuition and fees, and is renewable for four years if the student progresses in good academic standing.

Applicants will be notified regarding scholarships in early April.

## Lab Services offices relocated

Four Laboratory Services Section offices have moved into new "digs." The **Section Office** has moved from WH15E and is now located on WH15W. Joining the Section Office on 15W is the **Education Office**, transplanted from 8W, as well the **Publications Office**, which moved on up from 6W. **Borys Jurkiw** of the Training, Benefits and Compensation Office is now located in the former area occupied by the Section Office. Aside from Laboratory Services employees, also on the move is the Business Services Section Emergency Preparedness Office. They are now located on 6NW, the former home of the Publications Office.



those nutritional habits that contribute to heart attacks, depression, cancer, skin problems, excess weight, low-energy levels, lack of concentration and numerous trips to the snack machines. We look forward to seeing you there!

Note: Cheetos addicts are asked to refrain from attending as the orange stuff is hard to clean off the seats.—Audrey Hopper

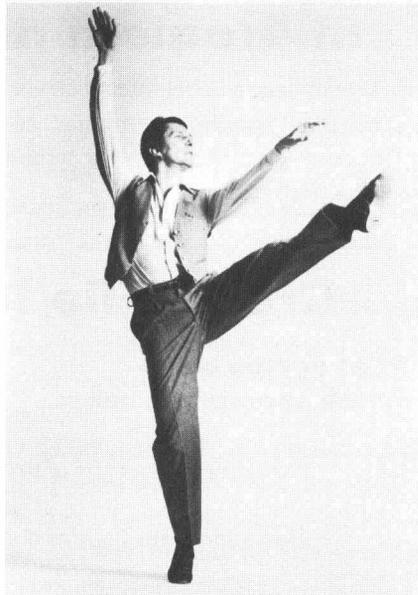
## Fermilab Arts Series presents

### Bill Evans Dance Company to perform "Mixin' It Up"

"The concert was a feast; a party featuring some of the finest dance and musical talent anywhere. The sense of humor and comedy were pervasive..." *Albuquerque Journal*.

Join us as the Bill Evans Dance Company swings its way into Fermilab's Ramsey Auditorium on Saturday, February 20 at 8 p.m., accompanied by the music of the Glenn Miller Orchestra and the Bill Evans Jazz Trio.

The Bill Evans Dance Company is unique in its blending of modern, jazz and tap dance styles. Their performance at Fermilab will be primarily from Evans' jazz dance suite "Mixin' It Up" with excerpts from "Jukebox Saturday Night." This company of eight will bring a variety of American dance forms to the stage, set to some of the best American music ever produced. *Dance Magazine* states: "His dancers are excellent, fearless technicians and theatrical performers...The company's rambunctious



*Bill Evans Dance Company performer "Mixin' it Up."*

comic flair and each member's individuality are used to good advantage."

Don't miss this outstanding performance on Saturday, February 20 at 8:00 p.m. Tickets are \$12. For further information or telephone 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.

## Nalwo activities

A Nalwo potluck dinner will be held this evening, February 5 at the Village Barn from 5:30 to 7:30 p.m. Please bring a main dish, salad or vegetable to serve 12. Drinks and dessert will be provided. If you can't bring a dish, please donate \$3. Babysitting will be provided. Call Brenda Kirk at x3440 for more information.

On February 23 and 25 a basket weaving workshop will be held in the lounge at the Users Center. The class will be held from 9:30 a.m. to 12 p.m. each day and will be taught by Ellen Phillips, an artist with Fine Line Gallery in St. Charles. Each participant in the course will complete a 6" diameter berry basket with a handle. The cost is \$4 a person for materials. Those interested must register by February 15. To register call Brenda at x3440 or Mady at 708-584-0825.

## Ping pong tournament coming to Users Center

The Activities Office is sponsoring its second annual singles ping pong tournament at the Users Center beginning February 15, 1993.

Single ping pong will be played on Monday through Friday with time slots available from 5:30 to 8:30 p.m. Sign-up sheets are located on the Users Center bulletin board. Sign-ups will end February 8.

Besides a chance to meet new people and the thrill of competition, a trophy will be presented to the champion!

For more information contact Jean Guyer at x2548 or FNAL::JEANM.

## 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. Admission is \$2.



### February 12: *La Grand Chemin*

(The Grand Highway), a city boy is moved to a rural village where he is bewildered by country life and confused when his hosts vie for his affection and attention. Jean-Loup Hubert, director, France, 1987, 107 minutes.

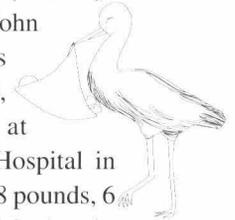
### February 26: *Naked Lunch*

Filmmaker David Cronenberg interprets William Burroughs' novel. Focus is on the writer's creative process with drug-induced hallucinations and bizarre imagery. Canada/Great Britain, 1991, 115 minutes.

## Congratulations to

Mary and **John Holm** (AD/RF) on the birth of their son, John

R. Holm, Jr. He was born on January 13, 1993 at 9:17 p.m. at Delnor Community Hospital in Geneva. He weighed 8 pounds, 6 ounces and was 20.5 inches long. John Jr. is welcomed by brothers Brandon and Adam.



Blanch and **Barry Norris** (AD/Cryo) became the parents of Shannon Nicole on January 11, 1993 at 1:39 p.m. Shannon was born at Mercy Center in Aurora and weighed 6 pounds, 14 ounces and was 19.5 inches long.

# How's your credit?

Managing money and maintaining a good credit rating is not an easy thing to do these days, as two recent money management seminars held at Fermilab pointed out.

The seminars were hosted by the Fermilab Employee Assistance Program and were presented by Diane Bedenbaugh, program director of the Consumer Credit Counseling Service in Aurora. The first seminar dealt with budgeting and setting spending priorities. The second was aimed at explaining and defining consumer rights and the legal issues of money management.

Reprinted from the seminar in this issue of *Ferminews* is a request form for obtaining a copy of your credit file. If you have been having financial difficulties or have been denied credit, Diane suggested requesting a copy of your credit file.

Copy and use this credit file request form to request your credit files from TRW, Trans Union, Equifax and other credit reporting agencies that have a credit file in your name.

Use these addresses to send in your credit file requests:

## TRW Information Systems

National Consumer Assistance Center  
P.O. Box 749029  
Dallas, Texas 75374-9029  
One copy may be requested free.

## Trans Union Credit Information

Consumer Relations Center  
P.O. Box 7000  
North Olmsted, Ohio 44070-7000  
Fee: \$15 for single/\$20 joint

## Equifax Credit Information

Consumer Relations  
P.O. Box 740241  
Atlanta, Georgia 30374-0241  
Fee: \$15 for each report

## CSC Credit Services

(formerly Associated Credit)  
Consumer Assistance Center  
P.O. Box 674422  
Houston, Texas 77267-4422  
Fee: \$15 for single/\$22 joint

Use these telephone numbers after receiving your credit file if you discover mistakes and have not received a reply to your written requests for verification.

TRW: 1-800-392-1122  
Trans Union: 1-216-779-7200  
Equifax: 1-800-685-1111  
CSC: 1-800-392-7816

## Credit File Request Form

**Print or type only.**

**Check appropriate boxes.**

- Please forward a copy of my personal credit file.
- Please forward a copy of our joint personal credit file.
- A check or a money order is enclosed to cover expense.
- I/we were denied credit within the past 30-60 days by:

\_\_\_\_\_

\* because of information in my/our credit files at your agency.  
(Copy of the letter is enclosed). I/we understand a copy of my/our report will be sent without charge.

**Date:**

**Daytime phone:**

**Full Name:**

**Current Address:**

**Mail Address:**

**Previous addresses (past 5 years):**

**Marital Status**

**Spouse's first name:**

**Your date of birth**

**Spouse date of birth**

**Your Social Security #**

**Spouse Social Security #**

**Signature(s)** \_\_\_\_\_

## Japanese university is newest URA member

Waseda University in Japan was recently elected as a member institution in the Universities Research Association, Inc. Waseda was formally accepted at URA's annual meeting of the council of presidents on January 28, 1993 in Washington, D.C.

According to URA's vice president Ezra Heitowit, Waseda's acceptance is a "milestone" for URA and marks the first time a university outside of North America has been accepted into membership.

Waseda is a private Japanese university with a strong high-energy physics program, Ezra said. Several of its staff and students have participated in electron and proton emulsion experiments at Fermilab, including E340, E423 and E499.

Ezra added that Waseda's inclusion in URA may foster future Japanese collaboration with the U.S. and with Fermilab and the SSC.

Fermilab is operated by URA. URA is a consortium of 80 universities and institutions.

## TIAA-CREF appoints new chairman

The Boards of Trustees of TIAA and CREF recently appointed John H. Biggs as chairman and CEO of the insurance organization.

Biggs, who had been president and chief operating officer of TIAA-CREF since February 1, 1989, will succeed Dr. Clifton R. Wharton, Jr.

Wharton is leaving his post to become U.S. Deputy Secretary of State in the Clinton administration. Biggs' appointment becomes effective upon Dr. Wharton's Senate confirmation as the new Deputy Secretary of State.

TIAA-CREF is a tax-deferred retirement account offered to Fermilab employees by Universities Research Association.

## In memoriam

### Hank Hinterberger

Hank Hinterberger, former associate director for engineering and head of Technical Services, passed away on November 27, 1992.

Hank, who retired in July 1985, was a major contributor to both conventional and superconducting magnet engineering at Fermilab.

He joined Fermilab in 1968 after working extensively on the University of Chicago's cyclotron. Hank, whose I.D. # was 139, was the fourteenth engineer hired at the Laboratory.

Shortly after coming to Fermilab he was appointed head of the then newly-created Technical Services. In that position, he became involved in the conventional magnet project, improving on the existing design. Among other projects, he planned the plumbing for the Main Ring and designed the first magnet mover.

In July 1969, when the Main Ring went under construction, Hank, along with Ernie Malamud and Dick Cassel, was appointed by Robert Wilson to oversee day-to-day construction operations.

Later, in the 1970s, as a member of the Fermilab Solar Energy Club, Hank<sup>®</sup> was involved in the development of a residential solar energy system for a house on Sauk

Circle in the Village. He also designed an industrial application of solar energy.

In addition to the impact he had on magnet technology at Fermilab, Hank's other accomplishments include the results of his 10-year tenure as head of the Laboratory's Engineering Policy Committee. His involvement helped develop the strong engineering community at Fermilab.

Former Deputy Director Phil Livdahl said that Fermilab's "engineering practices and standards were all initiated under Hank's stewardship, and they served to create an engineering resource that is held in the highest regard throughout the world's high-energy physics community."

Hank is survived by his wife, Bea.

### Harry Hillman

Harry Hillman, a member of the Research Division/SOD Alignment, passed away on January 1, 1993.

Harry joined the Lab on July 29, 1991 and was involved in the KTeV, NUMI and Main Injector projects. Previous to joining the Lab, he had been active in the surveying and engineering community, both as a professor and as practicing engineer.

Harry was a resident of Warrenville and also had a home in Arizona. Services for him were held in Arizona. Harry is survived by his wife, Jane. Memorial donations can be made to the Harry Hillman memorial fund, Oracle Union Church, Oracle, Arizona.

## Correction

The article on new dosimeter badges in the January 15 issue of *Ferminews* stated that temporary badges are to be exchanged on a monthly basis. Both temporary and permanent badges will be exchanged quarterly rather than monthly.

## Harper's Index

Percentage of Americans who say that chocolate is a "romantic" gift: 16.

Number of the 5,799 couples appearing on *Love Connection* since 1982 who have married: 29.

Number of these who have subsequently divorced or separated: 4.

## Study continued

important for anyone who is involved with education or interested in education in general at the Laboratory to read the report, he added. "The report contains more than a look at the gender issue, it looks at some of the fundamental issues in the education system. We are getting less out of our school system than we want."

For those interested in learning more about this study, a copy of the report is available in the Library, WH3. To obtain your own copy of the reports contact AAUW Education Foundation, 1111 16th Street N.W., Washington D.C. 20036.

**Director John Peoples  
invites  
all employees, users,  
DOE and contractors  
to a lab-wide party  
to celebrate  
the accelerator luminosity records  
and  
the grrreat job everyone did during  
the Tiger Team visit.**

**When: Friday, February 12, 1993  
3 to 6 p.m.**

**Where: Wilson Hall Atrium  
Food and beverages will be served.**

## Classified ads

### Vehicles

**1987 Toyota MR2**, red, 5-speed, power windows and doors, sunroof, cruise, AM/FM/Cass., A/C, 105K miles (plenty more left!), good, cheap fun at \$3,700. Contact Joe at x2525 or FNAL::OZELIS.

**1986 Cadillac Coupe DeVille**, 4.1 V-8, fully loaded, leather interior, new tires on front, \$8,500. Call Gene at x3556.

**1986 Isuzu Trooper II**, 4-wheel drive, 5-speed manual trans., 4 door, 17K miles, red with tan interior, AM/FM/cass., roof rack, class I towing hitch, exterior tire carrier, A/C, power steering and brakes, good condition, \$4,800. Call Chris at x2944 days or x4234 evenings.

**1986 VW Golf**, 4 door, A/C, power steering and brakes, sunroof, 5-speed, in very good condition, new engine with 40K and clean, \$2,900. Call Enrique at x3755 or 708-510-1038.

**1984 Pontiac Fiero**, one owner, 4-cylinder, 4 speed, sunroof, AM/FM radio, A/C, dependable, economical transportation for student, \$3,200. Call Jerry at 708-897-5464 after 4 p.m.

**1983 Ford Escort L**, automatic, new tires, batt., alt., brakes. 150K miles but reliable, 28-32 mpg, good winter car, \$800. Contact Jim at x2207 or FNAL::PANGBURN.

### Miscellaneous

**Baldwin acrosonic piano**, great sound! asking \$900. Call x2684 or evenings 708-513-5102.

**Discovery toys** for sale. Call 708-369-5727 evenings.

**Kenmore washer & gas dryer**, heavy duty, large capacity, white, asking \$100 each; **Montgomery-Ward refrigerator**, 20 cu. ft., almond, side-by-side doors, frostless, asking \$250. All in fair condition; **Electrolux canister vacuum cleaner** with attachments,

good condition, \$50. Contact Dan at x3916 or 708-445-8022 or FNAL::KAPLAN.

**Macintosh Power Book 145** with 4 MB RAM and 40 MB hard disk, Apple internal FAX/data modem, Kensington Power Book external keypad, two extra batteries and Lind battery charger/conditioner. All manuals. Like new. Asking \$2,000. Contact Dan at x3916 or 708-445-8022 or FNAL::KAPLAN.

**Student desk**, dark stain, 4 drawers, \$55; contour brand-new, still-boxed, Joanna **vertical blinds**, pearl-white, 73 1/4 x 84 1/2, \$75. Call Matt at x3005 or Ruth at 708-393-0330.

**Light oak library unit**, 84" wide 78" long, 6 shelves, 3 glass doors, 3 bottom drawers, good condition, best offer over \$1,800. Call Don at x4264 or at home 708-896-3211.

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

**Small couch** in good condition, \$50. Call Glenn at x4415.

### Real Estate

**4 BR ranch house** for sale. 2 1/2 bath, basement, 3 car attached garage. Call 708-377-0482.

**Room available** in large 4 BR house in Naperville, \$325 + util. + \$325 sec. dep. Available immediately. Call Leslie at 708-778-6067 or FNALD::GROER.

Will sacrifice **luxury 2-bedroom condo** (sleeps 6) on Kona Coast, Hawaii. Available 3/7-3/14/93, \$750. Call Mary at x3987.

### Pets

Cat looking for a new home. A cute **grey tiger cat**, 3-year-old male. Was found as a stray, but is very friendly, litter trained and neutered. Please call Anna at x2471 or 708-293-3915.