

Fermineews

FERMI NATIONAL ACCELERATOR LABORATORY

URA scholarships awarded to seniors

The Universities Research Association has awarded its annual scholarships to 14 sons and daughters of URA employees working here at Fermilab. The scholarships are designated for graduating seniors beginning a four-year degree program the following fall. The maximum amount of the scholarship is \$3,000 towards tuition and fees, and is renewable for four years if the student stays in good academic standing. Awardees were selected on the basis of Scholastic Aptitude Test (SAT) scores.

Beth Anne Blomquist, daughter of **Jon R. Blomquist** (Physics Dept.), is also the recipient of a Governor's Scholarship from Southeast Missouri State University and is a National Merit Scholarship Finalist. Beth plans to study anthropology at SMSU and eventually become an archaeologist. She is a graduate of Lyons Township High School.

Gregory Dorner is a graduate of St. Charles High School and a past summer employee of the Fermilab Mail Room. The son of **Rudy Dorner** (BS), Greg will be attending the University of Illinois in the fall. There he plans to work towards a teaching degree, and hopes someday to teach history at the secondary or college level.

Sara K. Finley is valedictorian of Aurora Central Catholic High School's graduating class. The daughter of **David Finley** (AD), Sara will be attending Iowa State University. She has received several awards from ISU including the ISU Distinguished Scholar Award. She plans to study biology and is thinking about medical school and sports medicine for the future.

Timothy J. Hughes, son of **Patrick Hughes** (TS), will be attending the University of Illinois in the fall. Tim has received several scholarships and awards, including Illinois State Scholar and a U.S. Army Reserve National Scholar/Athlete Award. He plans to take pre-medicine courses on his way to becoming an orthopaedic surgeon. Tim is a



Beth Blomquist



Gregory Dorner



Sara Finley



Timothy Hughes



Jennifer James



Elliot Kirk



Jessica Knopf



Sharon Kramer



Vicki Norris



Benjamin Nygren



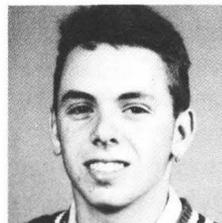
Lynn Rossetto



Babu Ticku

Jennifer Lynne James will attend Northern Illinois University in the fall. The daughter of **Michael James** (CD), Jennifer is a graduate of Plainfield High School. She has been named both an Illinois State Scholar and a Tandy Technology Scholar. Jennifer plans to major in accounting at NIU.

Elliot William Kirk, son of **Brenda Kirk** (LS), is an National Merit Commended Student and an Illinois State Scholar. A graduate of Geneva Community High School and



Greg Wehmann

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Continued on page 3

Lone Star State funding supports Fermilab researchers

Two Fermilab physicists have been awarded prestigious fellowships to continue work related to the SSC. **Aesook Byon-Wagner** (Physics Dept.) and **Isard Dunietz** (RD) are two of only 24 scientists from across the country who have been awarded a 1993 Superconducting Super Collider Fellowship. The fellowship program is funded by the Texas National Research Laboratory Commission (TNRLC), the Texas agency for the SSC.

Each year, candidates are nominated for



A. Byon-Wagner



I. Dunietz

the award by a group or department in their home institutions. They are chosen by a panel of scientists appointed by SSCL Director Roy F. Schwitters. Each Fellowship recipient receives full salary support for one year, plus a \$20,000 allowance for travel and research expenses.

“Competition is keen for these fellowships,” says Lynne Jordan Bowers, Director for Research and Education at TNRLC. “The brightest young investigators are being encouraged to contribute their expertise to the design and construction of the collider.”

Isard Dunietz is a theoretical physicist at Fermilab, and his peers in the theoretical physics department nominated him for the fellowship. He has been here at Fermilab since last September; he has previously worked at CERN and SLAC.

Isard is studying CP violation, a high-energy physics area of study that strives to

understand how and why particles and anti-particles interact differently. His research may affect SSC plans for examining B-mesons, a key particle for CP violation studies. Isard is presently helping to plan a conference in Snowmass, Colorado, that will address the best ways to test CP violation.

Aesook Byon-Wagner is a research physicist working with the SDC group at Fermilab and was nominated for the fellowship by Dan Green, who heads the SDC Department. She has been at Fermilab since 1989 and was appointed as task manager for the SDC Calorimeter R&D this past October.

Aesook will be continuing her work with the SDC Calorimeter and will be planning a set of tests to solve technical problems in the calorimetry, scheduling and execution of design. She may visit the SSC site in Texas and plans to use most of her funding on new equipment for the testing procedures.

Tita creates exciting cuisine at Chez Leon

Imagine sitting down for dinner, fresh flowers adorn your table and the smell of baked bread surrounds you. Within a few minutes, without even ordering, you are served a dinner that may include a first course of prosciutto and cheese calzone, a main course of grilled pork tenderloin with lemon and bay leaf, fresh vegetables, endive, walnut and gorgonzola salad, and a dessert of poached pears with raspberry sauce.

You might think you would have to travel into Chicago to a four-star gourmet restaurant to experience similar culinary delights, but for us lucky employees at Fermilab, we only have to travel to the Users Center, and the Chez Leon restaurant, to enjoy such cuisine.

Chez Leon first opened in 1980 under the guidance of chef **Tita Jensen**. Just as she did then, Tita today continues to create and prepare lunches and dinners that even the most discerning diner would enjoy.

Chez Leon is open to all Fermilab employees and their guests for lunch on Wednesdays and dinner on Thursday evenings. Tita, along with her assistants **Kathy Lootens**, **Konnie Barnes**, **Bok-yung Ahn** and **Gretta**



Tita Jensen

Anema, creates, prepares and serves all of the meals. In preparing a menu, Tita tries to cook things she has never made before. “That is what keeps me alive,” said Tita. “Otherwise, cooking can be as tedious as anything else.”

Tita prefers to make dishes using fresh vegetables and fish, but also tries to do all different kinds of cuisine. To ensure she is making food people like, Tita depends on feedback from the visitors. “People laugh when I say ‘Tell me if you like it, it is the first time I’ve made it.’ But the truth is, if I don’t do that I would be very bored in this job. The feedback I get is what decides whether I am going to serve it again.”

Tita also said that she will help people celebrate a special occasion by making a cake or special dessert, or will accommodate any dietary requirement a person might have. Even if there are foods you don’t like to eat, if you notify the Activities Office when you make your reservations, Tita will modify the

meal for you. In addition, since Chez Leon operates as a not-for-profit business, Tita does not overbuy food. To keep within her budget she encourages those who need to cancel their reservations to notify the Activities Office so those on a waiting list can be served.

Tita, who was trained in basic French and Northern Italian cooking by well-known chef Madeleine Kammon, gets her menu ideas by always keeping her eyes open. “We were taught never to use a cookbook or a recipe, so what I usually do is go to the library once a week and I get 25 cookbooks and read them as a novel. I don’t usually use a recipe but an idea might catch me.” Tita added she will also take any recipe suggestions from patrons and tries to encourage foreign visitors to share their native food knowledge and serve as “guest chef.”

Tita said that working at Fermilab is one of the greatest jobs anyone in the cooking profession can have. “Since it is an international laboratory, I have a lot of leeway. What is most attractive is that I have flexibility and openness in the menus and a great crew to serve. This is a great place to work.”

Employees recognized for 10 years of service



Bruce Chrisman (Directorate) presented 10-year service awards to 36 Fermilab employees at a luncheon held May 7, 1993 at Chez Leon. Left to right, the recipients were: (row 1) **Clifford Foster** (AD), **Bryan Falconer** (AD), **Chris Hirner** (BS), **Dotti Swanson** (LS), **Alan Petitt** (CD), **Ken Horsey** (ES&H), **Lorraine Walter-Smith** (BS), **David Richardson** (AD), **Dave Hockin** (ES&H); (row 2) **Hector Gonzalez** (CD), **Mark Fischler** (CD), **Jack Furlong** (FES), **Sue Sprosty** (FES), **Jack Mateski** (RD), **John Morrison** (RD), **Mark Obrycki** (RD); (row 3) **Bruce Worthel** (RD), **Humberto Gonzalez** (RD), **Robert Riley** (TS), **David Cathey** (AD), **Bill Moorhouse** (RD); (row 4) **Paul Lahn** (FES), **Chuck Grimm** (TS), **Tom Nicinski** (CD), **Kevin Clover** (FES), **Ron Leber** (TS); (row 5) **Todd Johnson** (AD), **Mike Kuplic** (RD), **Bill Freeman** (RD), **Jay Hoffman** (TS), **Rich Smith** (RD), **Clif Horvath** (CD), **Hank Connor** (CD), **Vern Spellmeyer** (RD); (row 6) Host **Bruce Chrisman**, **Gaston Gutierrez** (RD), **Carl Swoboda** (CD).

Scholarships Continued

winner of the Geneva High School Academic Excellence Award, Elliot plans to attend the University of Chicago in the fall.

Jessica Knopf is a graduate of St. Charles High School and will attend Illinois State University in the fall. The daughter of **Walter Knopf** (CD), Jessica has received a Presidential Scholarship from ISU and a National Merit Commendation and is an Illinois State Scholar. She plans to study towards becoming a bilingual teacher.

Sharon Lynn Kramper, daughter of **Brian Kramper** (RD), is a graduate of Plainfield High School. Sharon has received a National Merit Scholarship for Northwestern University. She is also an Illinois

State Scholar and a member of the National Honor Society. Sharon wants to study foreign languages at Northwestern.

Vicki Lynn Norris plans on attending Northern Illinois University in the fall, where she believes speech therapy will be her major. The stepdaughter of **Albert Beutler** (AD), Vicki is an Illinois State Scholar and a Merit Scholar Commended Student. She is a graduate of Geneva Community High School.

Benjamin Leigh Nygren, son of **Victoria Davis** (RD), is a graduate of Berkeley High School in Berkeley, California. Benjamin plans to major in liberal arts at the University of Washington in Seattle. He hopes that college will provide an opportunity for him to explore career choices.

Lynn M. Rossetto, a graduate of Plainfield High School, is the recipient of

numerous awards, including a UNICO National Scholarship and an Illinois State Scholar Award. The daughter of **Jack Rossetto** (AD), Lynn plans to attend Butler University in Indianapolis. She would like to pursue pharmaceutical studies.

Babu-Rattan Ticku, son of **Jawahar Ticku** (AD), is a graduate of Ames High School, Ames, Iowa. He will be attending the University of Illinois in the fall and is planning a career in physics.

Greg Wehmann, son of **Alan Wehmann** (ES&H), plans to attend the University of Illinois in the fall. A graduate of Batavia High School, Greg is an Illinois State Scholar and was a four-year honor roll student at Batavia. Greg plans to study business administration.

Don't tumble or tear TLDs; mylar badge windows at risk

The switch in personal dosimeters from film badges to thermoluminescent dosimeters (TLDs) has gone well for the first few months and there have been few problems with the new badges. However, the new badges do have one vulnerability that the old ones did not have: the aluminized mylar window.

The aluminized mylar is the reflective circular window in the lower left corner of the badge. The purpose of this window is to allow beta radiation to enter the badge and be detected by the TLD directly behind it. Beta radiation cannot penetrate the plastic part of

the badge. Damage to the mylar window could result in erroneous beta readings. If the window on your badge is punctured (not dented or scratched, but actually pierced) the badge should be replaced.

Laundering a badge can also damage the integrity of the window. In one instance, a badge was laundered and the window lost its reflective coating. So once again, please do not put the TLD badges through the laundry. If you have any questions about the TLD badges, contact the Radiation Physics staff at x4646. —David Boehnlein

Fall housing reservations requested

The Housing Office is currently taking reservations for on-site housing from September 1993 through May 1994. The deadline for reservations is July 9. Responses will be mailed by August 6.

People currently in Fermilab housing may request extensions for the fall, but are reminded that current occupancy does not guarantee placement.

For further information contact the Housing Office at x3777 or e-mail FNALV::HOUSING or Fax x2823.

Harper's index

Ratio of emissions produced by a car driven 50 miles to those produced by a lawn mower in one hour: 1:1.

Number of trees required to absorb the average annual carbon dioxide emissions by an American car: 200.

Price of a necktie made from whitewall tires, from One Song Enterprises of Willoughby, Ohio: \$15.50.

Getting Enough?

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.

Life in the Land of Wellness...

Once upon a time, over 100 runners and walkers, a few dogs, bicyclists and the odd rollerblader (Merle? Odd?) participated in the Wellness Committee's exciting National Employee Health and Fitness Day Event. The event was made possible by grants from Nalrec, Cafe Fermi, the Activities Office and Medical with much cooperation from the guy who controls the weather around here and the fairy godmother.

Who won the prizes?

Fermilab Gym Pass: **Juana Valverde** (AD)

Fermilab Pool Pass: **Ed Crumpley** (FES)

Nalrec Gym Bag: **Fred Cload** (BS)

Nalrec Tote Bag: **Robert Barnes** (FES)

Fitness Day Shirt: **Tom Carter** (Physics Dept.)

Fitness Day Towel: **Charlotte Smith** (FES)

1993 BMW 325i: **Mike Ralls** (BS) (I have to double check on this one, but it looks like a Wellness prize.)

The next Wellness event is June 8th. In preparation for a fun Fermilab pool season, a noon-hour seminar on Water Safety will be given by the Red Cross in 1 West. If you have little kids, like water sports, or have recently installed pools and waterfalls in your yard think about attending. Speaking of pools...have you tried on your bathing suit yet? Some advice from my dad: Get used to being hungry! And they all lived happily ever after. —Audrey Hopper

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. Coffee and cookies will be served on the second floor mezzanine following each film.

June 4: *Animation—Coming of Age*, stories and impressions from childhood and adolescence are the focus of this beautiful and novel collection of animation from around the world. From Chicago Filmmakers collection, 104 minutes.

June 18-19: *Tribute to Satyajit Ray*, two evenings of films from India's greatest filmmaker.

- Friday 8 p.m.: *Aparajito* (The Unvanquished), 2nd of the "Apu" trilogy, from the Bibhuti Bannjeri novel, 1956, 108 minutes.
- Friday 10 p.m.: *Apur Sansar* (World of Apu), 3rd of the "Apu" trilogy, 1959, 105 minutes.
- Saturday 8 p.m.: *Devi* (The Goddess), 1960, 96 minutes.
- Saturday 10 p.m.: *Seema Baddha* (Company Limited), 1971, 112 minutes.

Give the gift of life

The Heartland Blood Center's blood drive will take place on Monday, June 21 from 9 a.m. until 2 p.m. in the User's Center. Please mark it on your calendar and give if possible.

The way we were

Reprinted from the *Village Crier*, May 12, 1977:

Greek cuisine awaits gourmets

Rave reviews were accorded Fermilab's first gourmet luncheon May 3, 1977, and the Tuesday special will continue May 17. Greek fare will be featured. The menu will include shrimp filled artichoke, marinated rack of lamb, broccoli with lemon butter sauce, athenian salad and baklava dessert. Reservations must be prepaid (\$4).

Can you believe that price?

Arts and lecture series at Ramsey **Chez Leon** Accordion showcase **Nature's Metropolis** menus for June

What is your first impression when someone mentions the accordion? Lawrence Welk? Polka bands? "Lady of Spain"? The Fermilab Arts Series will provide an evening of toe tapping music by the squeezebox, featuring none of the above! Irish acoustic folk music, Cajun dance music, and eastern European gypsy music will be the international fare at Fermilab's Accordion Showcase. This sampling of music from around the world begins at 8 p.m. on Saturday, June 5 in Fermilab's Ramsey Auditorium.

Sharon Shannon has become a huge success in her native Ireland, impressing audiences and critics alike with her virtuosic ability as an accordion player extraordinaire. She will be joined by her band that includes fiddle, bass and guitar. Eddy LeJeune was born into the rich tradition of Cajun music. His father, Iry, was perhaps the most important accordionist of the post-war period. Eddy has carried on the legacy with his band, "The Morse Playboys," as well as his frequent collaborations with D.L. Menard. The evening rounds out with Eastern European gypsy music for accordion and violin performed by Djula and Jovan.

Continued on page 8

Folk dancing fun

Everyone enjoyed the potluck at the Village Barn on May 21! Ten adults and three children from the Fermilab International Folk Dance group demonstrated several dances and then taught many more to all who wanted to dance. Good music, good food, good conversation, good fun!

Nalwo's summer plans include a trip to Chicago, featuring a double-decker bus tour and lunch at Navy Pier, on June 10, and a boat trip on the Chicago River and Lake Michigan on July 8. Both trips leave the Users' Center via bus at 9:00 a.m. Please call Selitha Raja, 665-5539 or Brenda Kirk, x3440 for more information and to register.

Nalwo's Playgroup for children 18 months or older invites summer visitors to join for any length of time. Please call Annamaria Feher, 708-897-7228 or x2034, for more information.

William Cronon has long been examining the ways in which human communities modify the landscapes in which they live and how people are in turn affected by changing geological, climatological, epidemiological, and ecological conditions. His lecture at Fermilab's Ramsey Auditorium on Friday, June 25 is based on the research used in his award winning book, *Nature's Metropolis: Chicago and the Great West*.

The book, written in 1991, looks at Chicago's relationship to its rural hinterland during the second half of the nineteenth century. In 1991, it was awarded the *Chicago Tribune's* Heartland Prize for the best literary work of non-fiction published during the preceding year. In 1992 it won the Bancroft Prize for the best work of American history, and was also one of three nominees for the Pulitzer Prize in History. Dr. Cronon incorporates slides and visuals in his lecture.

Admission to *Nature's Metropolis: Chicago and the Great West* is \$3.

Save time for family

Save the date! Family Day 1993. Friday, August 6, 4-9 p.m. An opportunity for you and your family to visit some interesting sites at the Lab! An opportunity to enjoy Nalreco's Taste of Fermi! Watch *Ferminews* for more details.

Call x4512 for reservations

Lunch \$13, Dinner \$23.50

Specify special diet or celebration

| | |
|--|---|
| <i>Wednesday, June 9</i> | <i>Thursday, June 10</i> |
| Roast Pork Loin with Lemon and Ginger, | Chilled Shrimp and Cucumber Soup, |
| Basque Salad, Beet and Apple Puree, | Grilled Beef filet with Peppercorn Sauce, |
| Vegetable of Season, | Vegetable of Season, |
| Fresh Fruit Platter | Fruit Tarts |

| | |
|---|---|
| <i>Wednesday, June 16</i> | <i>Thursday, June 17</i> |
| Sorrel Tarragon Soup, Duck and Pear Salad with Mango, Chutney Dressing, | Lobster, Papaya and Avocado Salad, |
| Crepes with Chocolate Mousse | Game Hens with Almond Sauce, |
| | Vegetable of Season, Homemade Banana Ice Cream with Bittersweet Chocolate Sauce |

| | |
|--|---|
| <i>Wednesday, June 23</i> | <i>Thursday, June 24</i> |
| Pasta Primavera, Shrimp and Artichoke Salad, | Special Korean Dinner: Nang Che (Shrimp, Squid and Vegetable Salad) |
| Fresh Cherry Strudel | Bulkogi (BBQ Flank Steak), Steamed Rice, White Radish Spinach, Oranges and Strawberries in Gran Marnier |

| | |
|--|--|
| <i>Wednesday, June 30</i> | |
| Caesar Salad, BBQ Ribs, Mint Potatoes, Curried Corn, Zucchini and Red Pepper Salad | |
| Pecan Bourbon Pie | |

Activities corner

Muscle toning class

The last muscle toning class was a big success so we are offering another class this summer. The class will be held on Tuesdays and Thursdays for 10 weeks beginning June 15 at the Recreation Facility. This is not an aerobic class—focus is on toning and shaping muscles. Both men and women, whether experienced or beginners, are welcome. Please wear comfortable clothes and gym shoes. Light hand weights will be used as well as resistance bands. Cost for the 10 weeks is \$50. Class is by registration only (no walk-ins). Call Jean at x2548 to register. Current gym membership is required.

Scuba Course

Come and take a scuba course right here at the Fermilab pool. The course begins on Wednesday, July 14 and will meet every Wednesday for five weeks from 6:30 p.m. to 9:30 p.m. with 1 1/2 hours of class time (at the Users Center) and 1 1/2 hours of pool time. The cost is \$110. Students will need to provide a mask, fins and snorkel by the second night. Open water training dives for certification are separate at additional cost upon completion. If interested in joining call Jean x2548. Payment for the course is due at time of registration. Make your check payable to Fermilab and mail to M.S. 125. The minimum age requirement is 12 years old. Class size limited, sign-up NOW!

Ferminews

Severe weather not limited to twisters

This area of Illinois is subject to several different severe weather extremes. Spring and summer bring powerful thunderstorms and with them the chance for damaging winds,

lightening, hail, flooding and tornadoes.

While tornadoes may be the most well-known severe weather phenomena, damage and injury can result from any of the conditions listed.*

Downbursts, a form of severe “straight” wind created by localized downdrafts, can be as strong as tornadoes and are sometimes the cause of damage attributed to tornadoes.

Lightning is caused when the large electrical charges that build up in thunderclouds overcome the resistance of the insulating air and flow between clouds, from clouds to ground and even from ground to clouds. Lightning can cause power outages, damage electrical/electronic equipment, start fires and takes lives every year.

Hailstones are lumps of ice formed during some thunderstorms and can range from pea size to grapefruit size. Hail can damage anything from farm crops or automobiles to building roofs, siding and windows.

Flash floods can result from heavy rains and take an average of 150 lives a year nationwide.

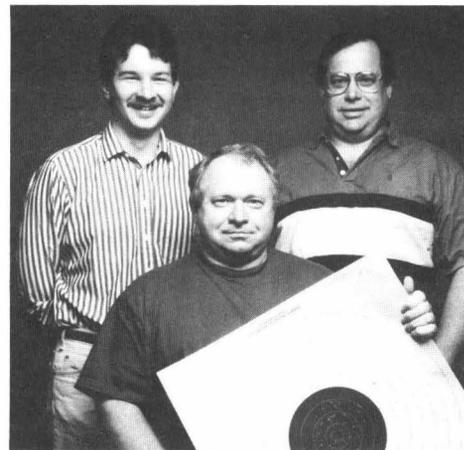
Finally, *tornadoes* are violent funnels of rotating air that can produce winds over 200 mph. They may move as fast as 60 mph over the ground and cause hundreds of millions of dollars in damage every year, as well as an average of 100 deaths annually.

Fermilab employees and their families should be familiar with the different types of severe weather that can occur and always take such weather seriously. When at work, the Lab has designated shelter areas near all work stations. You should be aware of the meanings of different warning signals and alarms. Know your emergency warden and follow his/her directions in case of severe weather.

When at home, you should always be aware of the weather conditions and weather advisories for your area. Designate a storm shelter, basement or cellar, or at least a central interior hallway for your family to go to in case of severe weather. “Better safe than sorry” is a cliché that we should all take more seriously during the thunderstorm and tornado season.

*Weather information and statistics from the U.S. Department of Commerce/National Oceanic and Atmospheric Administration.

State title for pistol competitor



(l to r) J. Fagan, B. Rodewalt, R. Ford

Buzz Rodewalt (RD/Thermal Systems Group) is the new Illinois State Champion of the International Free Pistol Competition. The contest was held on Sunday, May 16 at the Illinois State Rifle Range in Kankakee, Illinois.

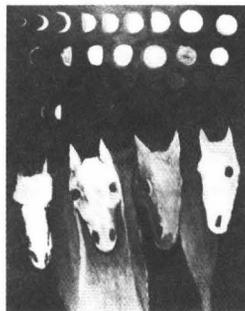
Buzz has been involved in national and international pistol competition since 1976. Last month he entered the Illinois tournament for the first time and outscored the other contenders by a narrow margin to take the state title. Fermilab was also well represented by **Jim Fagan** (RD/Mechanical Systems) and **Rick Ford** (RD/Beams). All placed in the top eight, which meant they qualified to fire the “finals” match of ten more shots. Each shot has a time limit to increase the pressure on the competitor, and the score of the finals is added to the match score to determine the winner.

The contest follows international rules which means the competitors must fire 60 shots during a two hour time period at a target 50 meters away. During the competition, pistols are held with one hand, fired one shot at a time, use .22 caliber ammunition, and must use iron sights. Otherwise, according to Buzz, the competition is relatively free from restrictions on the type of pistol used. Typically most use single shot pistols, but the length of barrel, shape of the grip, pull weight of the trigger and overall weight of the gun varies according to each shooter's preferences.

The competition was sponsored by the Illinois State Rifle Association, which also sponsors the Prairie State Games in July. Our competitors plan to attend this event also.

New art exhibit for gallery

Nancy Lanham Peoples has a collection of her most recent work currently on display in the 2nd Floor Gallery. Fermilab is most grateful to Nancy for the loan of this collection of her paintings. They will be on display through the month of June.



Four Horses
by N. Peoples

When I first met Nancy Lanham Peoples she had been at Fermilab for a year. In August of 1971 she arrived in St. Charles with John, her husband. They were living with their young daughters, Jennet and Vanessa, in an apartment.

Like many others at Fermilab, they came for a year and stayed on when John became a permanent member of the staff. All I knew of Nancy was that she was quiet, friendly and that she painted.

Nancy and I both worked on the Fermilab Exhibit Committee, which is where I got to know her well. She has been helping select and hang exhibits for the gallery for thirteen years. She volunteered a great many hours of time working with the committee. Her artistic sense in selecting how to display particular pieces of an exhibit is invaluable, and she is quite adept at hanging the shows as well.

In 1972 her acrylic paintings were abstract. The color choices were usually muted. Her compositions were organic arrangements of geometric elements like circles within squares and bright yellow starburst escaping the grid but prevented by surrounding reds and blues. Spheres appear as floating planets but, again, are led within the painting by organized color. Even in those abstractions

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on page 8

Recycling at Fermilab continues to be strong

The paper recycling program, started three years ago as a two-floor pilot program in Wilson Hall, has continued to expand and now takes in paper from most major buildings at Fermilab, primarily Wilson Hall, the Linac Cross Gallery and the Feynman Computing Center. Several different grades of paper are now being collected and the program has even shown a return on investment during the last six months.

The changes in the program are the result of a new business relationship. **Bob Huite** (BS), Fermilab contract administrator, contracted with Resource Transportation, Ltd. (RST), a paper recycling company, to take over the pick-up of the Lab's paper in November 1992. Since that time over 53,000 pounds of paper have been sent for recycling. This number includes the white office paper that has been collected in the past, but it also includes the collection of Computer Print-Out (CPO) paper and some newspaper and magazine print. These paper grades have been collected since November.

Bob says that most of the CPO paper is being collected from the Feynman Center and the Industrial Center, but that he hopes more people will begin to sort out and recycle this paper. The library has been the main source of newspaper and magazine print for recycling.

Neither CPO paper nor newspaper is of high enough quality to be recycled with office paper, and when this paper is dumped into the white paper collection bins those batches become "contaminated." To recycle this paper, you should stack it neatly beside the white office paper collection bins (located on each floor of Wilson Hall and in various locations in other buildings). Custodial staff will then pick up all papers left there. Paper that is not acceptable for recycling should not be put in bins or with the other grade papers—this includes colored paper, FAX paper and envelopes with plastic windows or plastic-coated paper.

Ray Fonseca (FES) says that there are few problems with collecting the waste paper. The custodial staff pick up the clear

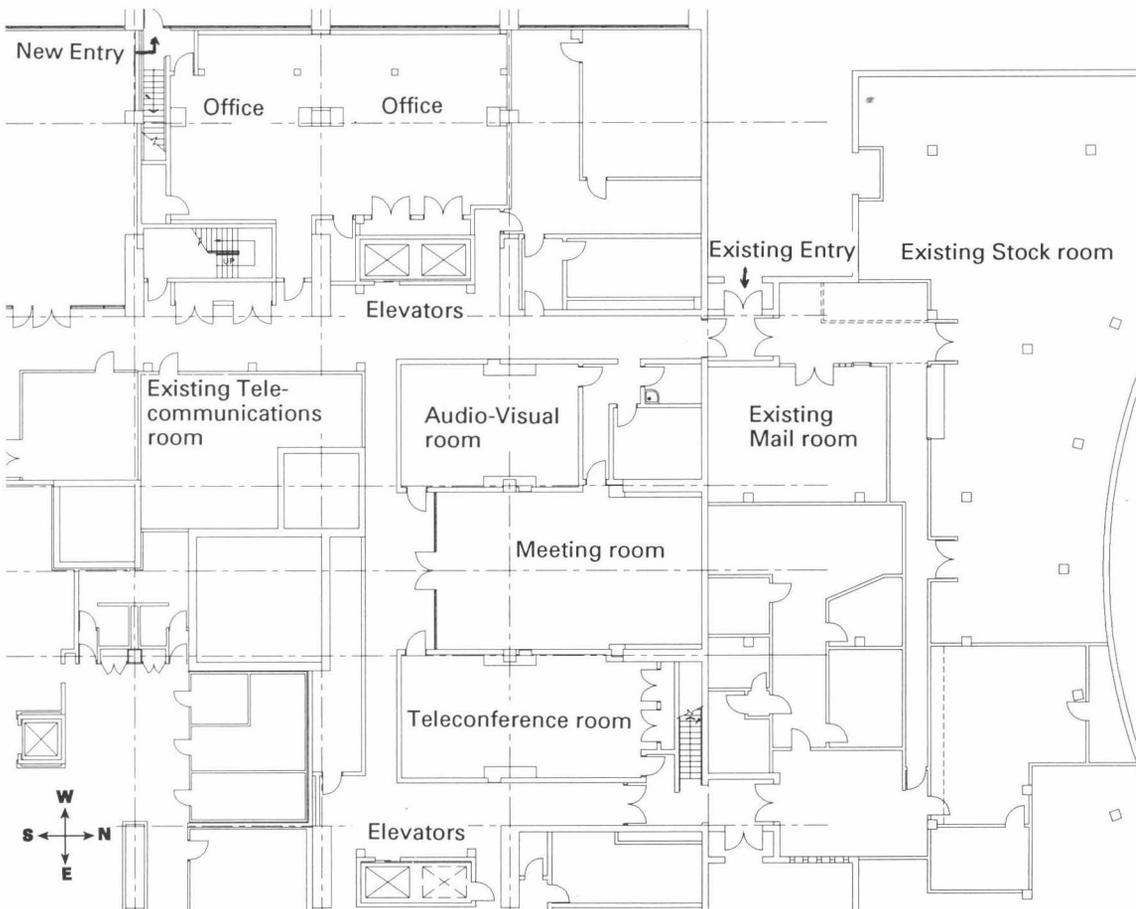
plastic bags from the bins when they are full and Building Services calls RST a few days before they expect the large storage boxes on the ground floor of Wilson Hall will be full.

The hope is that we can continue to recycle as much or more paper each year. "We want people to know we are still committed to recycling everything we can from the Lab," says Bob, and that the recycling effort "is not about money." Even so, the efficiency of recycling is now to the point that RST has paid Fermilab over \$1,800 for its paper waste products since November. In addition, RST supplied the Lab with approximate energy and environmental savings due to the past six months recycling efforts.

For 53,322 lbs (26.66 tons) of paper recycled:

- 186,620 gallons water saved
- 10,130 gallons fuel oil saved
- 1,418 million BTU's saved
- 454 trees saved
- 133.3 cubic yards landfill diverted

"New" Ground Floor nears completion



Phase I construction of the Wilson Hall ground floor remodeling project is substantially completed. Two new conference rooms and a west office area will be available for use beginning next fiscal year. A new west side entrance door will also be completed that will lead from the outside into the ground floor office space.

Accordion continued

Don't miss this rare opportunity to sample a global variety of music for the accordion on Saturday, June 5 at 8:00 p.m. Tickets are \$10. 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.

Exhibit continued

there was always a hint of a landscape, a definite feel of weight at the base rising to an openness near the top of the painting.

Nancy developed her painting skills at the art school associated with Carnegie-Mellon University in Pittsburgh, Pennsylvania. In those days her subject matter was figurative. In some of her canvases she painted various hoofed animals inhabiting a realistic landscape. In later years the figures became total abstractions. Now her work has returned to the figure—with a difference. An oval shape covered with continents and oceans, a sphere wrapped with the American flag appear as a part of an atmospheric earth looking out onto an alien planetary system. Snakes, horses and dragons easily rise to become part of the landscape. Floating rocks hang in the sky above a vibrant colored ground.

Though Nancy has changed the subject over the years, a constant in her paintings has been a depth of built up color. The paintings in this show are examples of her most recent work.

—Saundra Poces

Annual Users Meeting

The Annual Users Meeting will be held June 11 in Ramsey Auditorium from 8:30 a.m. to 5 p.m. For further information contact the Users Office x3111.

Inspector General & DOE Hotline

The Department of Energy Office of the Inspector General has a hotline. Any DOE or DOE contractor employee who has information about alleged criminal violations relating to DOE programs, op-

Classified ads

Miscellaneous

PSE Pulsar compound bow. Complete with overdraw, sights, quiver, arrows and case. \$160. Call John at x3366 or 815-286-7244 after 5 p.m.

Compound hunting bow, 40-65 lbs. completely outfitted and w/case, \$150. Call Mark at x2924 or 708-526-7647.

Notebook 80386 sx microprocessor. 42 MB hard drive, 4 MB RAM expandable to 16 MB. DOS 5.0, Windows 3.1 pre-loaded. \$950. Call Greg at 708-557-2523.

150 MB ESDI hard drive with floppy/hard drive controller for \$150. **300 MB ESDI hard drive** with controller for \$300.00. Will install for nominal fee. Call Luke or Dorothy at 708-393-3239.

7 piece drum set. Red sparkle finish. Symbols and seat incl. Good quality and condition. \$250. Call Jeff at x2956 or 708-556-3721.

7 h.p. riding mower, 30" cut: \$150. **3 h.p. push mower,** 19" cut: \$40. Call Mike at x2220

28' alum. extension ladder, stand-off, \$80. **Honda lawn mower,** \$150. **Carrier window-mount air conditioner,** 110V, 11,000 BTU/hr, \$275. **Raleigh Record 10-speed bicycle,** 21" frame (suitable for person about 5' 6"), \$40. Call Al, x4829 or 708-513-7679 evenings.

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

Free tires, good to fair condition. 1 Firestone P195/75 R15, 2 Gillette GR60-15, 2 Atlas H78-15 snows. **Refrigerator,** older, \$75. Call Henry at x3377 or FNALV:: EHSCHRAM.

Freezer, 5.2 cu. ft. GE upright, used 6 mo.,

\$75 o.b.o. **Hard Disk** for IBM, ST351A 41 MB IDE, 1 yr. old, \$85. **Bowling Ball,** NO HOLES, never used, Brunswick 300, candy red, \$30. **Mower, 19"** Sunbeam electric, ex. cond., \$50. **Mower, 21"** Bobcat industrial, 5 hp, w/bagger, \$75. Call Gary at x2775, evenings 708-969-8613.

Vehicles

1990 **Ford Taurus** GL 4 door sedan, 30K miles. 3.0L four speed automatic, driver's airbag, P.S., P.B., P.W., AM-FM cassette, cruise, remote P.D.L., auto climate control, P. seat, int. wipers, r. def. \$8,000. 1981 **Honda Civic** 5 door wagon, 157K miles. Automatic, A/C, cruise, AM-FM cassette, P.B., r. def. \$1,000. 1984 **Moto-Guzzi V-65-C,** 650cc only 265 miles, with windshield and saddlebags, like new, \$2,000. Call Ken, x2083 or 708-985-3188.

1981 **Pontiac Firebird,** runs well, some rust. \$750. Call Bruce at x4404 or 708-904-0202.

1982 **Goldwing Interstate** 1100cc. Lots of chrome and extras, only 10,300 miles. \$3,500 o.b.o. Call Steve 708-466-7422 (evenings).

Real Estate

Country living, 7 miles west of St. Charles in a beautiful **4 bedroom ranch,** 2.5 bath, three car garage, full basement. On .8 acre, bright and airy with step saving floor plan. Call 708-377-0482.

3 bd. brick bungalow, finished rec. room in basement, 1.5 car garage. Well maintained. Call 708-898-8767 or 708-851-0249.

For Rent: **Ranch style home** in Winfield, 10 min. from Fermilab (village) 3 bd, 1 bath, 2.5 car garage w/elect. door, full basement, more. Call Henry at x3377 or FNALV:: EHSCHRAM.

Emerald Green Condo on river for sale. 2bd, 2 bath, appliances, garage, excellent location. \$85,000. Call Alvin evenings, 708-393-9646.

erations or funds should report such information to the Office of Assistant Inspector General for Investigations. The Office of

Investigations operates a toll-free hotline 24 hours a day, seven days a week. The DOE IG hotline number is 1-800-541-1625.

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