

FermiNews

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Fermi National Accelerator Laboratory

Fermilab Honors Employees for 20 Years of Service



(Photo: Fermilab Vis. Med. Serv.)
Curt Owen (Loma Linda Proj.), Lincoln Read (Medical Accel.), Glenn Lee (Mech. Suppt.), and Phil Livdahl (Loma Linda Proj.). Director Leon Lederman (at right) offered congratulations on behalf of the Laboratory. Chuck Marofske (Lab. Serv.) and Lee Teng (Medical Accel.), also 20-year veterans, are not pictured.

DOE SBIR Seeks Participants

For the last several years, an interesting and innovative program has been under way in the Federal Government to encourage research and development in small businesses. This is the Small Business Innovation Research, or SBIR, program. Present federal regulations call for 1.25% of the R&D budget to go into this program. For high-energy physics this amounts to about \$5,000,000. Since this money comes directly out of the high-energy and particle-physics budget, it is important that every effort be made to see that these industrial R&D projects are closely related to the goals and activities of the high-energy physics program.

A number of these grants have been used successfully in areas related to Fermilab technology. One illustration is a project under way at Kinetic Systems (a Fermilab Industrial Affiliate) in Lockport, Illinois, for a VME FASTBUS Interfacing Alternative. NYBC Real-Time Computing, another Industrial Affiliate, received a grant for the development of an intelligent VAXBI-FASTBUS Interface. These grants have also been used extensively in the cryogenic area and even in some cases for particle-

accelerator applications. Detector developments also constitute an interesting possibility.

Grant applications proceed through several phases. In the first phase, the business can receive up to \$50,000 over a 6-1/2-month period for feasibility studies of proposed concepts. In phase II, covering the principal research and development period, a grant can be funded for up to \$500,000 over a two-year period.

Typically, companies have used these grants to extend technologies developed for some purpose at

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With heartfelt thanks for long and meritorious service, Bruce Chrisman, Fermilab Associate Director for Administration, accepted the resignations of the two Fermilab ombudspersons, Carolyn Hines and Rupert Crouch.

Employees who need information regarding any aspect of their employment and/or personal concerns are encouraged to consult with the Employee Assistance Counselor, Medical Department personnel, or one of the Personnel Administrators.

News from NALREC

The Children's Halloween Party, the Road Rally, and the Turkey Party were bigger and better than ever. But if you thought they were good, look out!!

John Satti, Chairman of the **Children's Christmas Party**, wants to remind everyone of the December 13 date at Wilson Hall in the Ramsey Auditorium from 2:00 p.m. to 5:00 p.m. Children up to 8 years old of employees, visitors, and contract personnel are welcome. The afternoon will feature cartoons, refreshments, and a visit by Santa and Mrs. Claus. For more info, call John at ext. 3088 or Jesse at ext. 4305.

At last report, tickets for the **Annual Christmas Dinner Dance** are 75% sold, so if you're planning to attend, you'd better get your tickets quickly. The Dinner Dance will be held in the Wilson Hall Atrium on December 19, 1987. As noted in the last issue of *FermiNews*, \$15.00 per person buys an open-bar cocktail hour, a Champagne fountain, door prizes, dinner, and dancing (on a wooden floor imported to cover those heel-catching floor tiles) to Burgundy Road. Dominick Carullo has been in touch with Pheasant Run and they are offering a special \$50.00 package which includes a room, transportation to and from Fermilab, and the use of their facilities for the evening of December 19. Best Western is offering a similar package for \$32.00. Contact Dominick at ext. 3187 for details.

If you still have some party left in you after all this, the regular **Employee Christmas Party** will be held on December 22 at the Village Barn from 5:15 p.m. to 9:00 p.m. Pizza by Little Caesars Pizza and dancing music by Cruisin' the Loop will be featured. We need ornaments with which to decorate the Barn. If you would like to help us out, call John Kowalski at ext. 3444 or Trudy Kramer at ext. 3228 to make arrangements.

Future activities:

Dominick has arranged a ski trip to Chestnut Mountain at Galena, Illinois, and Sundown Mountain at Dubuque, Iowa, on January 15-17. Call him on ext. 3187 for details.

Happy Holidays from NALREC!

- Trudy Kramer

Fermilab Lecture Series Presents: Ozone alert! . . .

. . . not one for those with respiratory ailments, but one that may affect us all! Recent research raises concerns about the possible destruction of the invisible upper atmosphere ozone shield which protects us from the sun's dangerous ultraviolet radiation. This *Hole in the Sky* is the subject of Dr. Susan Solomon's lecture at Ramsey Auditorium on Friday, January 15, 1988, at 8:00 p.m.

Susan Solomon, one of the most prominent researchers of atmospheric studies for the National Oceanic and Atmospheric Administration, led the 1986-1987 National Ozone Expedition (NOZE). She observed and analyzed the chemistry of the atmosphere and its interaction with the sun's energy from McMurdo Station in the harsh climate of Antarctica. In her talk, *The Hole in the Sky*, she discusses the history of ozone observations in Antarctica and the environmental controversy surrounding the ozone depletion. In addition, she reveals the results of NOZE's recent ground-based and balloon-borne experiments.

Admission to Dr. Solomon's lecture is \$2, \$1 for senior citizens. For more information or phone reservations, call ext. ARTS weekdays between 10:00 a.m. and 11:30 a.m. or 12:30 p.m. and 4:00 p.m. Phone reservations are held for five days awaiting payment.

- Tammey Kikta

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: **Coming to Ramsey Auditorium in 1988** :
: **January 30:** Chamber music by The Parley of In- :
: struments with Paul O'Dette, lutenist. \$11. :
: **February 27:** *Purlie*, musical theater presented by :
: Daedalus Productions. \$10. :
: For ticket information, call ext. ARTS weekdays :
: between 10:00 a.m. and 11:30 a.m. or 12:30 p.m. and :
: 4:00 p.m. :
:

Price of a pound of reindeer meat at Lobel's Prime Meats in New York City: **\$14.98**

Number of U.S. cities and towns named Santa Claus: **3**
- from *Harper's Index*

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Benefits Notes

Long-Term Disability (LTD)

Long Term Disability Certificates (booklets) were mailed to employees' mail stations in November of this year. Only regular full-time employees, associate scientists, and research associate appointments are eligible to participate in the LTD plan. If you are eligible and did not receive your certificate, please call the Benefits Office at exts. 3395 or 4361 for a copy.

Statement of Benefits

On November 23, 1987, a Statement of Benefits was mailed to employees' mail stations. The statement outlines employee benefit plans in which you are enrolled. Item #9, the retirement plan allocation, may be incorrect on your statement. You can ignore the stated allocation. Since the telephone allocation service was instituted by TIAA/CREF, Fermilab no longer records allocations. Next year's Statement of Benefits will only show whether you are enrolled or not. Your TIAA/CREF quarterly statement reflects your correct allocations based upon your application or telephone change. Please review the Statement of Benefits and the explanation that was enclosed with it. If you did not receive a Statement of Benefits, if you found an error, or if you have any questions, please call the Benefits Office, exts. 3395 or 4361.

Social Security

Your January pay check will show an increase in your FICA (Social Security tax) deduction. The employee and employer tax rate will increase from 7.15% to 7.51% effective January 1, 1988. In addition, the taxable wage base for 1988 will increase from \$43,800 to \$45,000. - Paula Cashin

Average amount of time a child spends in Santa Claus's lap at Macy's (in seconds): **37**

Number of direct-mail solicitations sent to Henry David Thoreau at Walden Pond this year: **90**

Value of the toys the average American child received as gifts in 1986: **\$200**

Number of snowflakes that have ever fallen on Earth: **10³⁵**

Number of cheerleaders in the U.S.: **600,000**
- from *Harper's Index*



'Wellness Works' News

WELLNESS WORKS Congratulation to the 80-plus employees who participated in the Great American Smokeout by trying to quit smoking for 24 hours. Hope they made it! There was a noticeable improvement in the air in the Cafeteria on that day. Keep up the good work! Thanks to all the non-smokers for their support and encouragement.

In the Library

The Library has recently received a copy of the *Report of the Pension Issues Study* conducted for the Washington High Education Secretariat - Pension Issues Committee and TIAA-CREF, October 1987. The report can be found under the call number LB 2334.R682 1987.

Credit Checks

The Argonne Credit Union is offering a Year-End Loan Sale. Through January 31, 1988, Credit Union members can borrow from \$200 to \$5000 unsecured, with higher amounts on secured loans to qualified applicants, at 10% A.P.R. The maximum term on this special loan program is 12 months. As in all ACU loan programs, standard lending procedures are practiced. Members can use the ACU's Quick Service Loan Application. This application is available to members who already have a Credit Union loan or VISA account. For more information, call ext. 3293. **Note:** The Credit Union Offices at Fermilab will be closed on December 16, 1987, from 12:00 noon until 2:00 p.m. due to Christmas lunch.

"DOE NBIR" continued from page 1

the national laboratories into either a broader application or into other areas. Grants are awarded on a competitive basis.

At Fermilab we are working with a number of small, innovative, high-technology companies. If you know of activities at these companies which could be fostered under such grants, you may want to get in contact with the people you know there and advise them of the possibilities of these awards.

The next round of proposals must be in by January 22, 1988. Information is available from the Office of Research and Technology Applications, Wilson Hall 2W, ext. 3333. - Dick Carrigan

ATTENTION: All Fermilab Employees Who Are Vietnam-Era Veterans and Disabled Veterans

Beginning in January 1988, Fermilab will be required to submit a new report to the Secretary of Labor regarding the employment of Vietnam-era and special disabled veterans. The Equal Opportunity Office would like to extend an invitation to all such vets here at the Laboratory to identify themselves. The information you supply to us will be kept confidential. Please fill out the form below and return it to MS 117 no later than December 28, 1987.

Definition of a "Disabled Veteran":

A disabled veteran is a person entitled to disability compensation under laws administered by the Veterans' Administration for disability rate at 30 per centum (30%) or more, or a person whose discharge or release from active duty was for a disability incurred or aggravated in the line of duty.

Definition of "Vietnam-Era Veteran"

A veteran of the Vietnam era means (1) "(a) a person who served on active duty for a period of more than 180 days, and part of which accrued between August 5, 1964, and May 7, 1975, and was discharged or released therefrom with other than a dishonorable discharge, or (b) was discharged or released from active duty for a service-connected disability if any part of such active duty was performed between August 5, 1964, and May 7, 1975, and (2) who was so discharged or released with 48 months preceding the alleged violation of the (Vietnam Era Veterans' Readjustment Assistance) Act (of 1974), the affirmative action clause, and/or the regulations issued pursuant to the act." ❁

Name: _____

Fermilab payroll number: _____

DISABLED VETERAN:

Date disability incurred: (month) _____ (year) _____

Disability rating: _____ per cent

My discharge or release from active duty was for a disability incurred or aggravated in the line of duty:

yes no

VIETNAM-ERA VETERAN:

Period of service: From (month) _____ / (day) _____ / (year) _____

To (month) _____ / (day) _____ / (year) _____

I understand that this response is voluntary and that the information provided is to be handled confidentially as stated in the Notice to Applicants and Employees.

Date _____ Signature _____

Return to: MS 117 no later than December 28, 1987.

♣ *FermiNews* - Cla\$\$ified Ad\$ ♣

12/11/87

FOR SALE

Motorized Vehicles:

1976 VW RABBIT. Beater, rusty but excellent mechanically. \$500. Call Mark Leininger, ext. 4776 or (home) 695-3263.

1983 FORD MUSTANG GT. Five-spd., turbo, runs and looks good, new louvers, bra, Goodyear ST tires, many extras. \$5300 or best offer. Call Frank at ext. 3523 or (home) 851-2275 after 6:00 p.m.

1984 FIERO SE. Must part with "Jezebel." Purchased 12/7/84, excellent condition, 26,000 miles, 4-spd., 4 cyl., a/c, padded leather tilt-wheel, reclining cloth bucket seats, tinted glass, AM/FM stereo cassette (only model w/rear speakers in headrests). \$6500. Call Sue, ext 3934.

Miscellaneous:

20-in., 2-WHEEL BIKE. \$20.00. Call Natalie, 653-7992.

WALNUT YAMAHA CONSOLE PIANO. \$900. Call Dennis Theriot at ext. 4944.

ATARI 400 COMPUTER. Perfect for Christmas. 48K RAM, cassette recorder, BASIC (in cartridge), joystick, 6 game cartridges, several books, dozens of programs on cassettes. \$99. Call John at ext. 4774.

COMMODORE 64 COMPUTER. Disk drive, amber monitor, auto-dial modem. \$300. Call D. Husby, ext. 3668 or (home) 815-758-3934.

BMX DIAMOND-BACK RACING BIKE. Sealed hubs, Ambrosia Italian rims, 3-piece cranks w/ sealed bottom bracket set, new brakes, seat, tires, pads, and number plate included. \$175. Call Greg at ext. 3011 or (home) 557-2523.

WALL SHELF/DESK/STORAGE UNIT. Three shelves w/standards and brackets, Formica desk top, two desk-base cabinets, suitable for young person's room or study area. Very good condition. Photo available. Call Ralph at ext. 4896.

LOVESEAT and HIDEABED COUCH: \$200. GLASS END-TABLE AND GLASS LAMP: \$150, includes extra smoked glass that goes with table. Also: Dishes, silverware, glassware, and other miscellaneous for sale, make an offer. Call Millvenia at ext. 3585.

HIGH CHAIR: \$10. CRIB: \$30. PORTACRIB: \$5.00. BABY SWING: \$10. BASINETTE: \$20. CAR SEATS: \$5 and \$10. Call Pam, ext. 3730 between 8:00 a.m. and 4:30 p.m.

BICYCLE RIMS. Pair of Nisi tubulars, anodized gold, 36-hole, 1 Wolber tubular tire, all excellent condition. \$35. ARIENS SNOW-THROWER. 20 in., 2-stage, excellent condition. Call Mark Leininger, ext. 4776 or (home) 695-3263.

Continued on reverse

MORSE SEWING MACHINE. Runs but needs adjustment. \$25. SEARS HUMIDIFIER. Belt type. \$25. MOTOR-DRIVEN MEAT SLICER: \$20. CHILDREN'S ITEMS: German-made hardwood plywood play store: \$18. Easel and chalkboard: \$3. Stove and refrigerator: \$10. Sled: \$4. Two pairs of Cabbage Patch curtains (63 in. long by 90 in. wide): \$8. "My Little Pony Stable" w/ponies: \$6. Wagon: \$3. Call Roy Thatcher, ext. 3144.

DIRECTOR'S CUP. Asking \$25, but no reasonable offer refused. Contact anyone in Theory Department named Rocky Kolb.

1983 FORD VAN BENCH SEAT. \$150. Call Bernie at ext. 4825.

35MM CAMERA LENSES. Screw mount. 135mm tele. and 50mm normal, \$25 for both. Call Ed Dijak at 690-1145 after 5:00 p.m.

WANTED TO BUY:

NATURAL GAS FURNACE OR SPACE HEATER. For use in garage. Call Ed Dijak at 690-1145 after 5:00 p.m.

REAL ESTATE:

HOUSE FOR SALE. Very country, knotty-pine living room, huge lot, 2-car garage, 2 bedrooms, all appliances, 1-1/2 miles off site, Batavia. \$86,900. Call Steven Conlon, ext. 4432.