

# The Village Crier

 national accelerator laboratory

Operated by Universities Research Association Inc.  
Under Contract with the United States Atomic Energy Commission

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## PROGRESS REPORT - MAY 22 THROUGH MAY 29

Main Ring magnets were powered most of this week and extraction studies carried on continuously. Extracted beam was detected at the 30" Bubble Chamber at 10 p.m. on Monday, May 29....The hydrogen jet target for Experiment 36 was successfully tested on May 20 and 25. The mylar internal target was in the Main Ring beam line for a total of 32 hours during the week.



...Beam at 30" Bubble Chamber, 10:00 p.m., May 29...



..Conferring in Encl.106 on progress of beam: (Clockwise) E.L. Goldwasser (back to camera), F. Nezrick, F.R. Huson, J.Lach...



Physicists T.Toohig(L) & T.Yamanouchi in Neutrino Target Hall...

## NEUTRINO LAB TAKES BEAM ALL THE WAY

The NAL Proton Beam wove its way through the intricate pattern of the Neutrino Laboratory this week and successfully reached the end of the 1-mile course just outside the 30" Bubble Chamber. The 72 BeV particles detected at 10 p.m. on Monday, May 29, ended a week of persistent, systematic teamwork in the section.

Three round-the-clock teams consisting of Taiji Yamanouchi, Louis Voyvodic, Ray Stefanski, Stan Pruss, Frank Nezrick and Joe Lach were on duty at the Neutrino Target Hall control point on Thursday, May 25. The Switchyard Group handed off the proton beam to them at the entrance of the Target Hall at which point the Neutrino Laboratory team began the tedious task of threading the beam through the target train to Enclosure 100. After pausing briefly on Thursday to add additional monitoring equipment, some steering magnets, and more detectors, they re-tuned the system Thursday night and Friday, and on Saturday morning, May 27, brought beam in to Enclosure 100, 1,500 feet further down the line. By Sunday, the protons had traversed another 2,500 feet to Enclosure 112. Another 24 hours was required to negotiate the last 800 feet to the Bubble Chamber where the first particles were detected at approximately 10 p.m. on Monday.

The outstanding feature of the achievement, according to Tim Toohig, who coordinated the project together with William B. Fowler, was that "our systems came on, stayed on, and performed reliably, so we were able to keep going continuously with our tuning. This is a great tribute to the engineers and technicians who have worked these many months to get things ready."

The 30" Bubble Chamber was successfully tested last November 9 when re-assembly was complete, after it was moved from the Argonne National Laboratory to NAL. Preparations have begun for the "cool down" of liquid hydrogen in the chamber to  $-450^{\circ}$  F. It is expected to be sensitive for beam tracks by Wednesday, June 7th.

Photos courtesy of Neutrino Laboratory Staff

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1972 URA SCHOLARSHIPS AWARDED



Steven Anderson

Universities Research Association, Inc., Washington, D. C., which operates the National Accelerator Laboratory for the Atomic Energy Commission, has announced 1972 recipients of scholarships for children of URA-NAL employees. Under this program, students are awarded up to \$1,200 per year in tuition and required fees (excluding room, board and social fees) when they begin a college curriculum leading to a baccalaureate. Selection is based mainly on students' verbal and mathematical scores (SAT).



Paul Hubbard



Cynthia Cilyo

Students must make normal progress and maintain satisfactory standards in order to continue the scholarship benefits to graduation. The program is also subject to availability of funds, according to Bradley F. Bennett, URA Vice President for Administration.

The Village Crier extends congratulations and best wishes for continued academic progress to this year's recipients. They are:



Mark Pelczarski

Steven Anderson, son of Charles A. Anderson, Accelerator Section, who plans to attend **Parks College, Cahokia, Ill.**

Cynthia Cilyo, daughter of Frank Cilyo, Accelerator Section, University of Illinois, Urbana, Illinois.

Mary Ellen Fowler, daughter of William B. Fowler, Neutrino Laboratory, University of Colorado, Boulder, Colorado.

Patricia Fray, daughter of William O. Fray, Machine Shop, Loyola University, Chicago, Illinois.



MaryEllen Fowler



Gerald Rothrock

Paul Hubbard, son of Edward L. Hubbard, Accelerator Section, University of Illinois, Urbana, Ill.

Mark Pelczarski, son of Walter Pelczarski, Internal Target Section, University of Illinois, Urbana, Ill.

Gerald Rothrock, son of Edward J. Bleser, Switchyard Group, Ripon College, Ripon, Wisconsin.

James Voyvodic, son of Louis Voyvodic, Neutrino Laboratory, Yale University, New Haven, Conn.



Patricia Fray



James Voyvodic

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MONTE CARLO NIGHT - SATURDAY, JUNE 3RD

There are still a few tickets for Monte Carlo Night available at Personnel, 21 Sauk. The tickets at \$3.50 each include the dinner at 7:00 p.m. at the Village Cafeteria, and the chance at chuck wheel, roulette, and over-and-under beginning at 8:00 p.m. at the Village Barn. Cash bar and music for dancing throughout the evening.

For further information call Greg Chartrand, Ext. 207.

THERE WILL BE A LABORATORY-WIDE DIRECTOR'S MEETING ON THE MORNING OF JUNE 15. DETAILS OF TIME AND PLACE WILL BE ANNOUNCED LATER.

## NAL USERS ELECT NEW OFFICERS

The NAL Users' Executive Committee elected officers for the coming year at a recent meeting at NAL. Dr. Gerald A. Smith of Michigan State University will serve as chairman; Dr. Jack VanderVelde, University of Michigan is now secretary of the Committee.

Also attending the meeting were five members recently elected to 2-year terms on the Executive Committee. They are: Dr. Barry C. Barish, California Institute of Technology; Dr. Vera Kistiakowsky, Massachusetts Institute of Technology; Dr. Thaddeus F. Kycia, Brookhaven National Laboratory; Dr. Lee C. Teng of NAL; Dr. William D. Walker, Duke University. Dr. VanderVelde is also a new member of the Committee.

In addition to Dr. Smith, serving the second year on the Committee are: Dr. Earle C. Fowler, Purdue University; Dr. Drasko D. Jovanovic, Argonne National Laboratory; Dr. Donald H. Miller, Northwestern University; Dr. Pierre A. Piroué, Princeton University; Dr. Michael J. Tannenbaum, The Rockefeller University; Dr. Richard Zdanis, Johns Hopkins University.



...Jack VanderVelde (L) and Gerald A. Smith (R), newly-elected officers of Users' Exec. Comm. with Shirley Burton, Users' Secretary...

### NAL INTERNATIONAL FILM SHOWING - JUNE 18

"Loves of a Blonde," a Czech movie with English subtitles, directed by Milos Forman, is the next feature showing of the NAL International Film Society, at The Village Barn on Sunday, June 18, 7 p.m.

The story concerns Andula, a shy young factory worker who dreams of an exciting romance. She meets Milda, a young pianist. The bittersweet comic-tragic sequence of events, deceptively simple, point up universal truths about the ironies of romantic aspirations. "...Leaves one amused and wistful over the romantic hopes of its little blonde.."  
Milos Forman is one of the world's leading directors, master of understatement, casualness and unpretentiousness in showing the sad and humorous events of daily life.

### SOMEONE ELSE LIVES WHEN SOMEONE GIVES

The American Red Cross will be on site in the Village Barn on June 8 and 9 from 11:00 a.m. to 4:00 p.m. to accept blood donations from NAL employees. A total of 20% of the employees must donate 187 pints in order to have full coverage for all employees and members of their families for the next year (Sept., 1972 thru Sept., 1973). Interested employees are asked to call either First Aid, Ext. 232, or Personnel, Ext. 396, to make an appointment for donating blood.

Visitors may also donate blood, but it will not be credited to NAL's required 20% participation. Their donations assure coverage for themselves and members of their families.

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### NEWS FROM ARGONNE CREDIT UNION

The Argonne Credit Union still has a few openings in reservations for student loans under the Illinois Guaranteed Loan Program. These loans are available to student-children of employees who will soon enter college. A loan of \$1,000 is available to freshmen; \$1,500 to other students. In most cases, the government pays the interest while the student is in school; repayment begins after graduation.

The Credit Union also announced this week that it will pay a 5½% quarterly dividend as of May 31. Interest will be credited directly to accounts.

For further information on Credit Union matters, call Ext. 6-3780.

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Except as otherwise noted, photos by NAL PHOTOGRAPHY.

NALWO DESSERT-TEA - JUNE 7

NALWO members will vote on the following slate of candidates at the business meeting that will follow the Dessert-Tea to be held on Wednesday, June 7, at 1 p.m. at the home of Mrs. Jane Wilson:

Chairman	- Mary Lou Satti	Treasurer	- Betty Snowdon
Vice Chairman	- Nancy Carrigan	Activity Groups	
Vice Chairman		Chairman	- Mary Ann Ryk
for DUSAF	- Emma Payzant	Newsletter Editor	- Barbara Lach
Secretary	- Bea Hinterberger		

FAREWELL DINNER TO HONOR KENNEDY C. BROOKS ON JUNE 23RD

AEC staff members are planning a farewell dinner for Mr. Kennedy C. Brooks, Area Manager, who will retire June 30, 1972. The dinner will be held in The Village Barn on Friday, June 23, beginning with a cocktail hour at 7 p.m. Contact Fred Mattmueller or Minerva Sanders, Ext.281, for reservations before June 2nd. Tickets at \$8.50 per person include free cocktail hour. Cash bar after dinner. Everyone at NAL and DUSAF is invited to attend.

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VILLAGE CRIER TO BE PUBLISHED BI-WEEKLY

The VILLAGE CRIER will be published bi-weekly, instead of weekly, during the summer months. The next issue will be published on Thursday, June 15.

Please keep this revised schedule in mind if you have news to be printed, so that dated material can be published well in advance of the happenings.

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NALREC SERVES YOU

The National Accelerator Laboratory's Recreation Committee encourages all employees to take advantage of the various items of sports and recreational equipment available at the Personnel Office, 21 Sauk, in the NAL Village. Canoes (please reserve ahead of time), baseballs and bats, volleyballs, basketballs, bows and arrows, squashballs and rackets, horseshoes, and handballs are all available for employees' use. For additional info call Personnel, Ext. 396.

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CONGRATULATIONS....to Pat and James Heintz (Plant Management) on the birth of a daughter, Debra Lee, on May 16. Debra weighed 7 lbs., 11 oz. at birth, at St. Joseph's Hospital, Joliet.

BEST WISHES....to Bill Beckley of the NAL Fire Department on his forthcoming marriage to Sandy Betonti of Midlothian, Ill. on Saturday, June 24. The wedding will take place at St. Christ Church, Midlothian at 10:00 a.m.

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AURORA CITY SOFTBALL LEAGUE TOURNAMENT - JUNE 4-8

Come on out to see the softball games played by the NAL team entered in the Aurora City Softball League. A pre-season tournament will be played June 4-8. Call James Thompson, Ext. 791, for the game schedule and field location.

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CLASSIFIED ADS

FOR SALE - Meyers Manx Dune Buggy, many new parts, unfinished, \$990. Call Joan, Ext. 461.

FOR SALE - Corello Quartz-Iodine Quad-headlamp replacement, \$25. Bruce Chrisman, Ext. 595.

FOR SALE - 1970 Pontiac Tempest T-37, 2 dr.hardtop, ps., auto, low mi., 653-7889 after 4 p.m.

FOR SALE - Sears deepwell jet pump & 42 gal. tank. \$80. Call Frank Krzich, Ext. 534.

FOR RENT - 2 BR. Bi-Level, Furn. Apt., Village W.Aurora, Ill. U-pay electric. \$205 mo. Call 892-3619 after 6 p.m.

WANTED - Share ride from N.Aurora, K. Lee, Ext. 205.

FOR RENT - 2 BR.waterfront cottage on Lake Wisc. in Merrimac. Sleeps 8. \$150/week. 653-5339.

The Village Crier is published by the Public Information Office of the National Accelerator Laboratory. Margaret M.E. Pearson, Editor. Correspondence may be directed to the address below. Telephone number of the Laboratory is 312-231-6600.

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