

# The Village Crier

 national accelerator laboratory

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## POOL OPENS MAY 26

The 1973 NAL Swimming Pool season will open on Saturday, May 26, at 9 a.m. The pool season again provides a recreational opportunity for NAL families, who reside in some 100 communities in the suburban area, to socialize on the NAL site. For this year, pool membership is open to the staff of NAL, to guest and visiting scientists, the AEC office at NAL, DUSAF employees, and employees of B & H Janitorial and Advance Security working at NAL. Swimming pool operation will be administered this year with the help of an employees' Swimming Pool Advisory Committee. Members are Bob McCracken (Chairman), Technical Services; Jo Baaske, Payroll; Dave Carey, Research Services. Suggestions may be directed to the committee.

Season memberships are now on sale at the Personnel Office, 21 Sauk, and in both cafeterias from 11:45 a.m. to 1:15 p.m. Daily admission charges will be strictly enforced. Annual membership must be obtained before May 26; without membership identification, a charge of \$1.00 per person will be made. Annual memberships will not be sold at the pool.

### P O O L S C H E D U L E

#### Weekday Schedule:

6:00 a.m. - 8:00 a.m. ----- Adults only, no lifeguard.  
11:00 a.m. - 9:00 p.m. ----- Family swimming, lifeguard  
on duty.

#### Weekends and Holidays:

9:00 a.m. - 9:00 p.m. ----- Family swimming, lifeguard  
on duty.

### A D M I S S I O N

#### Annual Pass:

\$20.00 ---- Family - includes purchaser, spouse, and all  
members of their immediate family.  
\$16.00 ---- Married Couple - no children.  
\$12.00 ---- Single Person.

#### Weekly Pass:

\$4.00 ---- Includes purchaser, spouse, and all members  
of their immediate family.  
\$3.00 ---- Individual.

#### Daily Admission:

\$1.00 ---- Individual basis only - pay to lifeguard on  
duty. (Includes accompanied guest of NAL-  
associated persons.)

Children under three - free

#### Pool Parties:

Pool parties must be scheduled (fees paid) with the Pool  
committee thru the senior lifeguard on duty.

*THE VILLAGE CRIER* presents below, a Guest Commentary by James E. Griffin on a subject of interest to the people working at the National Accelerator Laboratory. More such commentaries are planned and suggestions for topics will be considered by *THE VILLAGE CRIER*, without obligation to pursue same.



James E. Griffin

*JAMES E. GRIFFIN* has been an NAL staff member since July, 1969, coming here from a position as assistant professor of physics at Iowa State University and associate physicist at the Ames Laboratory at Iowa State. He has been intimately involved with many milestones in the development of NAL; his speciality is radio frequency systems. Jim and his wife, Marilyn, and their five children live in Wayne. He is a person of broad intellectual interests. He holds a commercial pilot certificate; his wife and daughters join him as leaders of the new NAL International Folk Dancing Club. Marilyn and Jim were both candidates for office in recent Wayne township elections.

I have recently noticed the quotation attributed to a professor at Harvard University: "Science as we know it has outlived its usefulness." While the quotation may be incomplete or out of context, still it clearly conveys a sentiment which one senses is beginning to prevail at many levels of society. In such a context, one might reasonably question the validity and meaning of a scientific facility such as the National Accelerator Laboratory, devoted exclusively to the study of forces which act only over infinitesimal distances and of particles which "live" only billionths of a second. Why is fundamental particle research important to anybody, or to everybody?

Such a question is certainly related to much broader questions regarding the nature of humanity and the human destiny. If there is anything about humans which distinguishes them from other living organisms of our acquaintance, it is their natural motivation and ability to look about themselves and into themselves, and make reasonable descriptions of what they see. All animals have territorial imperatives, forage for food, procreate and succumb eventually to injury or disease, but only one, humankind, measures the dimensions of his cosmos and pursues the mechanisms of its inner workings. This single attribute seems to define, for me, as much as I am capable of learning about the human destiny. This definition of humanity includes such pursuits as mysticism, art, literature and, of course, science. I think of all these disciplines as ways men have developed of communicating with each other by creation of symbols representing the structure they observe.

So I will argue that NAL is important, simply because it is the frontier of a long sequence of uniquely human adventures. At NAL, mankind is going about his proper business of seeking to understand the rules of the universe. Of course, everyone can't get directly into the act; somebody has to grow the crops, treat the ill, and generate the electricity. But I will argue that in a general way, the society of man does believe in and supports various quests to understand the unknown. While we may think of Faraday or Maxwell or Gauss as having led the way to early understanding of the electrical phenomena, we nevertheless think of mankind as having developed the use of electricity in a larger sense.

If science has truly outlived its usefulness, I am curious to know what discipline to substitute for it which will define as uniquely the human condition. When one considers the age of the universe, tens of billions of years, and compares this to the age of man, a few million years, or to the age of history, just a few thousand years, it is clear that we haven't been out of the swamp very long. We are just beginning to learn where we may be headed, just beginning to assert our humanity.

Three hundred years ago, Isaac Newton was publishing works describing his clear conception of the rules of gravitational mechanics. This was a step forward in human insight. At the same time, reasonable men were burning witches. I, at least, do not look upon that as having been a very productive human activity. We don't do that much any more. Perhaps three hundred years from now, people will look back to our lifetimes as a time when men unfolded Nature's rules governing the nuclear structure of matter. They will also note that during this time, men had a habit of burning entire villages from the air. Let us hope that they consider the first activity a leap forward in human insight and the latter an inhuman activity which they no longer practice.

## INTRODUCING SOME OF NAL'S NEW FACES...

Paul Neeson, an Engineering Physicist in the Radiation Physics Group, joined NAL in January. He will serve as liaison with the machine shops and magnet factory, as well as supervise the radioactive machine shop. He is also involved with the management of solid radioactivated waste disposal and the storage of radioactive materials, and assists in general radiation surveys and special situation evaluation. Born in Springfield, Illinois, Mr. Neeson received a B.A. degree in physics from Seattle University. Since then, he has been associated with the National Reactor Testing Station, Idaho Falls, Idaho; has served a term in the United States Army, teaching physics at McClelland Army Base in Alabama; and has worked at the Hanford Atomic Works. Paul and his wife Karen and their two daughters live in North Aurora.



*Paul Neeson*

Eugenio Valdes joined the Plant Utilities Section at NAL in March, as an Electrical Engineer. He will assist in the maintenance and operation of the site-wide electrical distribution system. Prior to coming to NAL, Mr. Valdes was an Associate Engineer for Kaiser Engineers, Inc., in Chicago. He was born in Havana, Cuba, and attended schools there, receiving an M.S. in electrical engineering from the University of Havana. Gene and his wife Carmen live in Chicago. They have five children.



*Eugenio Valdes*

Edmond J.N. Wilson came to NAL in February on a one year exchange appointment from CERN, where he has been involved in the design of the 300 GeV accelerator since the early days. Since the decision to build that machine in Switzerland, he has headed the Parameters Section at the SPS, as the project is now known. At NAL, Ted is a member of both the Accelerator Physics Research and Operations Groups, studying the characteristics of the beam and observing the operation of the Main Ring. He will return to CERN at the end of the year to assist in the commissioning of the SPS. Born in Liverpool, England, Mr. Wilson read physics at Oxford University. He and his wife Monika and their two sons live in Glen Ellyn.



*"Ted" Wilson*

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## TIAA-CREF ANNUAL REPORT PUBLISHED

TIAA-CREF is currently distributing its 1972 annual report to all policy holders. Participants in the retirement plan should receive a copy at their home address. If you are a participant and do not receive the report, please contact the Personnel Office, 21 Sauk, Ext. 3396.

The report includes current information relating to the company's holdings and its performance. For instance, TIAA's net rate of return on assets has been highest among the 25 largest life insurance companies in America in ten of the last eleven years. In 1972, for example, the difference between TIAA's net rate of investment return of 6.58% and the average before-tax net rate of 5.59% (preliminary estimate) for the life insurance industry produced nearly \$28,000,000 additional investment yield for the benefit of TIAA participants. CREF's average annual rate of total return, net of all expenses, has been 11.1% since 1952. "We know of no other pension plan that has credited earnings to participants at such a high average rate during the past 20 years," the report states.

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## WHEATON OBSERVATORY OPEN TO PUBLIC DURING MAY

A 12-inch observatory telescope in the New Science building at Wheaton College is open to the community on Thursday evenings during the month of May, according to Dr. Bryant Kristianson, assistant professor of physics. Viewing sessions begin as soon as it becomes dark and continue as long as someone is interested in using the telescope. In case of inclement weather, viewing is postponed to the following Friday evening. The science building is located at 520 E. Kenilworth, Wheaton. The telescope may be found by taking the elevator to the third floor of the science building and then proceeding through the door marked "Observatory."

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There are still openings in the 1973 NAL Slo-Pitch League. Tom Schmitz and Don Breyne, Ext. 3501 are operating the league which will play games on Mondays and Wednesdays at 5:30 p.m. at the field near The Village Barn. Get your name on the roster NOW!!

## NALWO NEWS FOR MAY

The Annual NALWO Dessert-Tea will be held at the home of Jane Wilson at 1 p.m. on Monday, May 21. ALL the ladies of NAL, AEC, DUSAF and visiting experimenters are most cordially invited. Babysitting (at 75¢ per child) will be provided at the White Farm on Eola Road.

After refreshments, there will be a brief business meeting at which the Nominating Committee will present a slate of officers for the coming year. The slate is as follows: Mary Lou Satti, Chairman; Ellen Ljung, 1st Vice-Chairman; Nancy Stiening, 2nd Vice-Chairman; Mary Fray, Secretary; Betty Snowdon, Treasurer; Ulla Baker, Newsletter Editor; and Mary Ann Ryk, Activity Group Chairman.

Sing-a-long will be held on Friday evening, May 18 at the home of Pauline and Paul Reardon. For further information, call Pauline at 653-5339.

NALWO's PLAYGROUP's summer program will begin early in June. Interested mothers will meet Wednesday, May 23, at 7:30 p.m. at the White Farm. All children who have not yet attended first grade are eligible. Enrollment for PLAYGROUP's fall session has begun. Three groups are planned: Group 1 - Monday, Wednesday, Friday mornings; Group 2 - Tuesday, Thursday mornings; Group 3 - Monday, Wednesday, Friday afternoons. Group 3 is open to children who will be three years before September 1, 1973. For further information, call Lynn Ducar, NALWO Membership chairman, at 879-8333.

### DEEPEST SYMPATHY

Deepest sympathy is expressed to Ernest Guzman of the Mail Room following the tragic automobile accident which took the lives of Ernie's wife and son, and critically injured his daughter. Contributions to help Ernie defray expenses may be sent to Carolyn Hines, Plant Management, Ext. 3788, or Jean Plese, Directors Complex, Ext. 3291.

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### THEATRE PARTY JUNE 1

Tickets for one of the last performances in the Chicago area of Jesus Christ Superstar are now available from Marilyn Paul, 31 Blackhawk, Ext. 3453. The tickets are for the Friday, June 1 performance at the Auditorium Theater in Chicago at 8:00 p.m. Bus transportation could be provided at no extra charge if enough people want this service. The bus would leave from the NAL Village at about 6:30 p.m. Please indicate your desires on this matter when tickets are purchased.

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V O'CLOCK BREAK - Village Barn - 5:15 p.m. - Wednesday, May 23, 1973

### CLASSIFIED ADS

FOR SALE - 1969 2/door Toronado in excel. cond., reasonable. Call M. Kampikas, 879-1712.

FOR SALE - Friendly, earnest 1965 Ford Custom 500, a/c, auto. trans., good on gas, compressor only 1 yr. old., 6 cyl., perfect summer car, \$392.57. Call Cathi Beyer, Ext. 3701.

FOR SALE - 1964 Plymouth Sedan, 6 cyl., \$150; high chair, playpen, porta crib, couch, bureau, large drop-leaf dining table, and other small items. Call David Gordon, 393-9144.

FOR SALE - Quarter horse, Mare, 6 yrs. old, well trained, english & western, \$300; old fashioned upright piano, good cond., excel. tone, \$100. Call Rudy Nissen, Ext. 3534 or 879-2337.

WANTED - Single woman w/3 children would like to share housing w/another single woman with or without family. Call Jan, Ext. 3740, 4 p.m. to 11 p.m.

FOR SALE - Lawn tractor cart, two wheel with pull bar. Excel. cond., \$15. Call R.C. Niemann, Ext. 3156 or 964-3079.

TO GIVE - Irish Setter to be given away to good home, male, about 3 yrs. old. Very friendly. Call Marie Nelson, Ext. 3554 or 898-9472.

FOR SALE - 1970 Galaxie Mini Bike, 4 h.p., good condition, \$75 or best offer. WANTED: Mini Trail Bike, 50cc or larger, or would trade. Call Art Streccius, Ext. 3788 or 392-4905.

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