

Dr. Lewis Dahl Dies After Long Illness

Dr. Lewis K. Dahl, Chief of Staff at the Medical Research Center and a pioneer in hypertension research, died on Wednesday, November 26. He was 60 years old.

A memorial service will be held for Dr. Dahl at 3 p.m. on Sunday, December 7, at the Brookhaven Center.

Cited for his studies of the role of sodium chloride in human hypertension, Dr. Dahl received the CIBA award in October for hypertension research from the Council for High Blood Pressure Research of the American Heart Association.

His research in hypertension started in the late 40's with a series of studies of the rice-fruit diet, which demonstrated the value of the low sodium aspect. He initiated a breeding program for rats that led to the development of the Brookhaven R and S strains - one group genetically prone to hypertension, and the other group, resistant.

A significant outgrowth of his studies was his campaign to alert the medical profession and the public to the potential danger of the liberal addition of salt to processed baby foods.

Dr. Dahl joined the staff of the Medical Department in 1952 as senior scientist and Chief of Staff of the Hospital. In 1968 he was appointed Professor of Medicine at the Health Sciences Center of the State University of New York at Stony Brook.

Dr. Dahl was born in Canada of American parents, but his family moved shortly thereafter to Alaska where he received his early training. He received his B.S. degree at the University of Washington in 1935 and the M.D. degree from the University of Pennsylvania in 1939. He completed his internship at the Hospital of the University of Pennsylvania in 1941 and served residencies in medicine at the Massachusetts General Hospital in Boston. During this latter period he was also an assistant in medicine at the Harvard Medical School.

From 1942 to 1945 he served as a Major in the U.S. Army Medical Corps. In 1948 he was appointed assistant in medicine to Dr. Donald D. Van Slyke at the Rockefeller Institute.

A diplomate of the American Board of Internal Medicine, Dr. Dahl had served also on the medical advisory boards of the Councils for High Blood Pressure Research and Basic Research of the American Heart



Dr. Lewis K. Dahl

Association. He was a member of the Society for Experimental Biology and Medicine, American Institute of Nutrition, American Society for Experimental Pathology and the International Society on Hypertension.

Dr. Dahl is survived by his wife Marilyn and three daughters, Kristin, Margit and Karen. He is also survived by his mother, Mrs. Peter I. Dahl of Seattle and two brothers, E. Roger Dahl of Seattle and Robert A. Dahl, professor of political science at Yale University.



Dwarfed by a giant United Way poster, chairman Barney McAlary (Fiscal) and publicity director Beverly Goldstein (Public Relations) get the campaign underway at the Laboratory. The large reminder will hang in the Cafeteria.

The United Way - Works For All

This year a personal appeal from Laboratory Director George Vineyard has gone out to each of us, urging increased participation in this very worthwhile cause. And by now each of us has also received our United Way pledge card. Won't you take a minute now to wrap up your bicentennial pledge; it's one gift that will extend a helping hand to many.

This once-a-year campaign is the *only* general appeal made to our employees. It is your opportunity to benefit *local* chapters of the Diabetes and Kidney Foundations, Red Cross, Family Service and Mental Health Associations, Legal Aid Society, the Y's and the Scouts - to name only a few of the organizations that do not run separate fund drives.

\$3.9 million is the current goal for United Way of Nassau-Suffolk - an increase of \$400,000 over last year. And this year's struggle - another in the continuing fight against nationwide economic setbacks - is being seriously felt by the 98 member agencies and nonprofit hospitals providing services to the two counties. Although the economic crunch has spared no one area, a survey of 29 sister communities with comparable populations (and even lower per capita incomes) has revealed them to be four times as generous as 30th ranking Nassau-Suffolk. That's not a pretty picture.

The view from BNL is equally disconcerting. About 4½% of our rather sizable population contributed to last year's United Way drive. At the three Oak Ridge plants over 60% of employees contributed to this year's campaign just ended. ORNL, in particular, reached 103% of its goal!

The Laboratory has always taken the position that giving is indeed a personal and private matter. The information on your pledge card - whether you choose to give through payroll deduction, for a

period *you* designate, or a one-time sum, is strictly confidential.

Jack Lemmon stars in this year's United Way film, "Is Someone There." Please plan to attend its showing today in Berkner Hall at either 12:30 or 1:00 p.m.

Put United Way on your Christmas list. Your fair-share pledge is urgently needed in Nassau-Suffolk. You never know... you might be the next one to benefit.

—Barney McAlary
1976 Campaign Chairman

A Long Vacation

The Purchasing Division is continuing the voluntary practice, instituted two years ago, of shutting down over the Christmas holidays to conserve fuel. They will be closed from 12:30 p.m. December 24 until January 5, 1976. The staff will be absent for 11½ days but will use only three days of accrued vacation. It would be wise for other Laboratory groups to determine how many of their employees will be working during this period, so that working areas can be consolidated. If there is only one person, for example, in a wing, perhaps that wing could be shut down to conserve fuel and the person located elsewhere. Anyway it's worth a survey.

Have You Seen

A 6" Memorex magnetic computer tape labeled "D. Warner #N64599" which has disappeared from the computer center or has been delivered to the wrong place. Please check to see if this tape has been delivered to you. Call K. Jellett, Ext. 4698, if you find it.

Marr To Head Applied Math

Robert B. Marr has been appointed Chairman of the Applied Mathematics Department, effective December 1, 1975, for a term expiring June 30, 1978. Marr has been Acting Chairman since February of this year.

On receiving his Ph.D. in Physics from Harvard in 1959 and after a six-month stint in the Army, he obtained a research associateship in the Physics Department at Brookhaven. In 1961, he was appointed to the staff of the Applied Mathematics Department.

Marr's research interests have included elementary particle theory, automatic pattern recognition techniques for scanning bubble chamber photographs, and other applications of mathematics and computers to problems in the physical and biological sciences. His most recent work has been concerned with the mathematical aspects of three dimensional reconstruction from projections, a topic which arises in many areas of research from nuclear medicine to radio astronomy. He was the organizer of an International Workshop on this subject, supported by the National Science Foundation, which was held at Brookhaven in July 1974.

He has served on several internal advisory groups including the BNL Lecture Committee and the BNL Council. He was a member of the latter body for six years and served as chairman for the 1974-75 term. Marr has also acted as an advisor and instructor to students in the Brookhaven Semester Program and has been a member of the Affirmative Action Advisory Committee.

In addition to his professional interests, he enjoys sailing, is a co-founder of the BERA Mountain Club and has also been "on the boards" in numerous Laboratory theatrical productions.

Marr recently announced organizational changes in the Department. Graham H. Campbell will be the Group Leader for Computer Science Research and Charles I. Goldstein for Mathematics Research. John E. Denes will head the Computer Services Division which operates the Laboratory's central computing facilities. The Technical Support Division will be the responsibility of Arnold M. Peskin.



Robert B. Marr

Suggestions, Anyone?

Over the years, distinguished anthropologists, economists, educators, politicians and other specialists, have come to Brookhaven to present lectures at the invitation of the Pegram Lectureship Committee. This series, open to the public, was designed to present speakers on all aspects of society.

The committee is once more reviewing suggestions for future lecturers. It would be helpful for them to know what speakers or subjects other Laboratory employees consider of interest. Dick Watson, chairman of the committee, would be glad to hear from you. Drop him a note at Building 510B.

Nancia Kelly, who has been sending Brookhaven travelers around the world for 14 years, still likes her job. "It's never the same, that's why it's interesting," she says.

Queries range from the ordinary to the exotic. One day it can be someone asking for the Patchogue train schedule, the next, someone needs to know what the train service is from Vladivostok to Novosibirsk.

The travel business is in Nancia's blood. Her first job was in her father's travel agency on Lexington Avenue in Manhattan where she arranged group and individual tours. The possessor of an insurance brokerage license, she also arranged foreign car purchases and shipments.

During her years with the Manhattan agency, she travelled a lot - Italy, England, Scotland, France, Sweden, Denmark, and the Caribbean. Now she stays home more because, as she says, "since I've worked here, I've had to pay full fare." The travel office at the Lab does not get travel agents' reduction. Nancia was born in Brightwaters, Long Island and still lives there.

All official travel both at home and abroad is handled by the Travel Office. The arrangements include plane reservations, hotels, car rentals, general travel inquiries and the handling of "extras." One man needs an extra long bed in any hotel he goes to. Others have special dietary and health problems. As a rough guess, Nancia estimates actual plane tickets average about 100 per week. The tickets are delivered to the Laboratory every day by a travel agency.

Nancia is assisted in the Travel Office by Pat Gillen and Barbara Booker. Pat helps out on general travel and Barbara handles the charter plane which is mostly used by university personnel.

Their time of reckoning comes when there is a conference on site and 50 or 60

To The Corners Of The Globe



In her daily work, Nancia Kelly is more often found with a phone at each ear.

visitors need airline and hotel reservations changed - all at once. In another hectic period, there were five scientific conferences in California the same week, involving 75 passengers all leaving within three or four days of each other.

Brookhaven's travel representatives also get practice in "keeping their cool" when a traveler decides to combine a business trip with vacation. Nancia recalls one scientist and his wife who went to Europe. The scientist made travel arrangements with Nancia, and his wife with a travel agency, each giving conflicting instructions. All in all, 72 letters were exchanged with airlines

and hotels concerning changes made in a trip to seven different cities.

"It's a panic a lot of the time because we're working with deadlines," says Nancia, "but there's always a lot of laughs." One woman called up and wanted to know how many suitcases they were allowed to put in the porthole.

Concerned about saving the Laboratory's dollars (Nancia Kelly is of Scottish background, not Irish) she suggests that travelers make their reservations as soon as they are reasonably sure of their requirements. Delaying to the last minute costs the Laboratory extra charges. Travel costs are high enough as it is. In 1961, when she first came to Brookhaven, Nancia remembers that it cost \$25 for a round trip to Albany, now the tab is \$60.

Most travel in this jet age is by plane. Very few people cross the Atlantic by ship and train travel is usually limited to short hauls - Washington, Boston, Philadelphia. And nobody goes by bus unless there is nothing else available. "They would have to be going to the backwoods," says Nancia. Washington, D.C. tops the Laboratory list as the place most traveled to, by any means of transportation.

SUNY Extension Program

A Master of Science degree in Computer Sciences has been added to the Postgraduate Extension Program of the State University of New York at Stony Brook and the University's College of Engineering and Applied Sciences, which sponsors the program, will hold a special evening meeting to provide information on the curriculum.

The meeting will take place at the State University of New York College at Old Westbury, one of the study sites, on Thursday, December 11, 1975, beginning at 8:00 p.m. in room B-100 of Academic Village A.

The program is designed for engineers, systems analysts and related teaching professionals who require late afternoon and evening hours, convenient locations and a part-time program to fulfill their needs.

The M.S. degree in Computer Sciences will be offered at the Old Westbury campus beginning in January. A comprehensive program of courses in computer sciences and technology, it will require computer terminal work and can be done at either Old Westbury or Stony Brook. Four evening courses will be offered initially, with two of these courses repeated at Stony Brook.

For further information or applications, contact Mrs. Esther Weitzman at 246-5967.

25 Years And Still Counting

—Photos by Walton



Accelerator Department's Pat Wilson (center) celebrates 25 years at the Laboratory at the VIP party at the Center December 2. With her are (left) Robert Louttit, Accelerator, and Associate Director Ronald Rau.



Peter Delmonte (seated) receives service award from Central Shops Manager Robert Lehn after 25 years in that division.



George Hrabak, Physics, is congratulated by Phyllis Vineyard, wife of Laboratory Director George Vineyard at Center party.

Exponent Of An American Way



Billie Nave Masters as she appeared in Berkner Hall last month when she presented two lectures before appreciative audiences on the Native American Perspective, both past and present. Ms. Masters, of Cherokee heritage, is Supervisor of Teacher Education at the University of California, Irvine.

Selected Reading

Sci. Gov. Rep. 5, November 15, 1975
Down and out in academe: A talk with Grant Swinger. 1-2

Regulatory issues in the fuel cycle. Remarks by E.A. Mason, Commissioner, U.S. Nuclear Regulatory Commission for delivery to the Annual Conference of the Atomic Industrial Forum, San Francisco, California, November 18, 1975. Nuclear Regulatory Commission Press Release No. S-20-75

NRC's first year - An assessment and prospectus. Remarks by W.A. Anders, Chairman, U.S. Nuclear Regulatory Commission at the Annual Conference of the Atomic Industrial Forum, San Francisco, California, November 17, 1975. Nuclear Regulatory Commission Press Release No. S-21-75

Lab Site Energy Plan

On November 20, Associate Director Vincent O'Leary convened another in a series of meetings begun in early 1973 to develop and implement a site energy conservation plan. Precipitated initially by a local fuel oil shortage which hit the Lab before the full impact of the nationwide energy crisis.

Committee was formed. The committee consists of an energy conservation coordinator from each department and division.

"We have gone beyond the 'quick fixes' - turning off lights, removing bulbs, adjusting thermostats - to evolve a comprehensive plan," O'Leary told the group. "The plan will cover conservation projects proposed for the near term and a long-range program," he said.

Consultants, working side by side with the Laboratory's energy conservation coordinators and plant engineers, will develop proposals that emphasize "energy budgets" for particular buildings. "It's an approach concerned more with managing energy than conservation *per se*," emphasized Lew Jacobson, Brookhaven's energy conservation coordinator. "The goal is to maintain a zero growth rate of energy consumption, and to use what we have more efficiently. An inefficient system installed when energy was cheap, although consuming less energy due to conservation measures, still wastes many dollars that could be saved by mechanical modification or system replacement," he said.

These proposals include a Central Energy Conservation Facility, proposed for construction in 1977, which will provide 5000 tons of refrigeration and 1500 cu ft/min of compressed air service for distribution to six major research complexes. This proposal has an initial direct cost saving estimated at \$458,000 annually. Of this sum, over 73% or \$332,000 represents the potential cost of energy conserved. When other buildings' decentralized systems need replacing, piping to the central facility can then be installed. A comparison of the annual operating costs of present decentralized systems, which being self-contained require a multiplicity of equipment, and the proposed central facility reveals a 57% cost reduction.

Other proposed energy utilization improvements call for the installation of approximately 13,600 feet of steam mains and six steam pressure reducing stations to provide new heating services for 22 buildings. This project will facilitate the retirement of 12 independent and inefficient heating plants. Continuing a measure begun in the

(Continued on page 3)



Mary Kinsley, DAS, (left) and Constance Swezey, HPS, (right) discuss their 25 years at the Laboratory with Joseph Washburn, Personnel Manager.

New Maternity Policy

Effective September 27, 1975, the Laboratory sick leave policy has been extended to apply to employees who are unable to work due to pregnancy and childbirth.

"In other words," said Joseph S. Washburne, Personnel Manager, "there is now no distinction between disability resulting from maternity-related illness and any other kind of illness."

This is a change in the former Laboratory maternity leave policy that required a pregnant employee to go on leave of absence and precluded the use of accrued sick leave during the final period of pregnancy or for childbirth.

Accrued sick leave may be used for absences caused by illness resulting from the early stages of pregnancy, as well as for absences during the final period of pregnancy and immediately following childbirth.

When physical disability is not a factor, or when sufficient sick leave has not been accrued, employees may request leave under the general leave of absence policy.

Arrivals & Departures

Arrivals

William J. Bouchard Central Shops
Richard E. Giovannelli Plant Engrg.
Nicholas F. Gmur Applied Science
Bertus K.S. Koene Physics
Calvin K. Lam Accelerator
Angelo J. Rafaniello Central Shops
Betty J. Rollins Staff Services
Richard J. Spellman Central Shops
Marion L. Stelts Physics
Hernan G. Vera Ruiz Chemistry Depart.

Departures

Robert A. Meck Medical
Shui Pong Van Applied Science

Sharing The Ride

If saving a few hundred dollars a year appeals to you, try carpooling. The Federal Highway Administration has released some impressive figures on the money to be saved by adding one passenger or more to your car.

The annual cost of a 20-mile daily commute in a subcompact car is estimated at \$646; in a compact, \$749; and in a standard-size car, \$948. Adding one cost-sharing passenger produces an annual savings to each person of \$281, \$332 and \$427 respectively. If five people participate the per capita annual savings increases to \$425, \$502 and \$624.

In addition to the increased dollars in your pocket, the FHWA estimates more than half a million barrels of oil would be saved per day and 15 million cars removed from rush hour traffic.

As all good carpools set standards of behavior, the following rules posted in stage-coaches in 1871, might, with some modification, be kept in mind.

- Abstinence from liquor is requested, but if you must drink, share a bottle. To do otherwise makes you appear selfish and unneighborly.

- If ladies are present, gentlemen are urged to forgo smoking cigars and pipe as the odor of same is repugnant to the Gentle Sex. Chewing tobacco is permitted.

- Don't snore loudly while sleeping or use your fellow passenger's shoulder for a pillow as friction may result.

- Gents guilty of unchivalrous behavior toward lady passengers will be put off the stage. It's a long walk back.

New Year's Eve Party

A New Year's Eve Party, sponsored by the Hospitality Committee, will be held in the apartment area. For information, call Rosemary Jewett, extension 3089, or Ruth Dimmler, 751-6342. The more the merrier!

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Exploring The Laboratory



Philip Taylor (left) a Computer Operator in Applied Math, and a tour guide, checks the itinerary for Cooper Union students visiting the Laboratory. Taylor volunteered as a guide because he felt a good way to have a more thorough understanding of this complex facility was to be a part of the tours.

Energy Plan

(Continued)

past, automatic temperature setback controls will be installed in 27 additional buildings. These improvements will conserve approximately 172,000 gallons of distillate oil and about 900 gallons of propane each year. In annual dollars, this means an estimated \$34,500 reduction in heating costs and about \$18,500 in repair costs due to steam and condensate leaks.

Future projects in the research phase include the development of solar heating support systems and an emulsified fuel oil composite - a synthesis of spent petroleum products and raw sewage - formulated so that no basic hardware modifications will be required of existing fuel or combustion control systems.

"The key ingredient in our plan is employee commitment to the concept of energy conservation. In fact, its success depends on total team effort," O'Leary said. All coordinators and employees are urged not to "let down" their guards now that shortages don't seem quite as pressing as in the past. Resources are still finite, and the costs of electricity and fuel oil still hover about three times above '73 levels.

As of January 1976, the CERN Courier Journal will extend its coverage so that it becomes more fully representative of the world-wide community of high energy and nuclear physics. The journal will then be distributed by the Brookhaven internal mail system. Anyone who would find it useful and who is not already on the distribution list should contact J. Spiro, Ext. 4780, to receive copies from the beginning of next year.

Nets Discount Tickets

Tickets for game number 3 of the LIRA Group Discount Series will go on sale on Monday, December 8, at the BERA Sales & Services Office in the Cafeteria. Sale deadline will be December 17.

Tickets are priced at \$3.00 each. The game will be played at the Nassau Coliseum on Sunday, December 21, at 2:35 p.m. between the Nets and Virginia.

The BERA Sales & Services Office is open from 7:30 a.m. to 2:30 p.m., Monday through Friday, Ext. 3347.

French Group Meeting

The French Group of BNL cordially invites you to its December meeting, Thursday the 11th at 8:00 p.m. at Berkner Hall.

The program for the evening will be a lecture in French on "La Meditation Transcendentale" (Transcendental Meditation), the simple natural technique for release of stress which has been the focus of so much recent interest.

The lecture will be given by Mrs. Mary-Elizabeth Whitten, an American associate-teacher of T.M., who recently returned from a year in France, during which time she studied both at the French Transcendental Meditation Academy outside of Paris and at the International Headquarters in Switzerland.

We look forward to an interesting and informative evening discussing this most timely topic. Discussion and refreshments will follow. Everyone welcome.

Bowling News

Cathy Van Noy

Pink League

The "Spare" have taken over first place with total wood with the "Hopefuls" a close second. Grace Fales made a beautiful conversion of the 1-2-10 and Alice Trubisz has won the first club award for the league with a 668. Nice bowling! Fran Brown with the turkey winner.

Black N Blue League

Congratulations to the "Fudpuckers" who started the second third with an 11 point win and now are tied for first place. High games went to John Ferrero 209, Kathy Carter 175, Ellie Murgatroyd 161 and 163. Pots were won by Kathy Carter 250 and John Ferrero 237 gross games. The turkey was won by Fred Vandervoort.

Red League

"Congrats" to J. Sheehan and J. Roesler who tied in the "turkey shoot" with a 657 gross series. Thanks to Ed Arnold of Port Jeff Bowl, both were awarded a turkey. Honorable mention for K. Asselta who tried with a 655 series. 200 games went to W. Reams 233 scratch-267 gross. K. Asselta 221, J. Roesler 215 and R. Jones 200.

Green League

The "Got-A-Hit-um" maintained first place by taking 8 points from the "Super Cools." The "Sparks" moved into third and the "Charley Browns" took 11 from the "Old Timers." High games went to Nick Parrinello 248-601 scratch and 700 gross series. Gene Fales rolled a 234-596 scratch and 701 gross. T. Iarocci 233 and J. Mayeski 205.

Purple and White

The "Flounders" are still on their winning streak with a 21 win and no loss record but the "Sea Gulls" are a close second only five points behind. Betty Roche is still rolling nice scores with a 455 series. Marshall Bull 214, Jim Petro 193-549 series.

We are in need of some female bowlers for the "Pink League." If you know of anyone interested in joining the league, please call Marie Brenner, Ext. 2456. The "Purple and White League" is in need of a couple to bowl in Shirley. Please call Jon Scott, Ext. 3058.

Christmas Carolers

Rehearsals for the BERA Carolers will begin on Tuesday, December 9, at 12 noon sharp, in Berkner Hall. Subsequent rehearsals will be held on December 11, 16, and 18 at the same place and will last no more than one-half hour.

This year we plan to sing both in the Cafeteria and in the Hospital during the week before Christmas.

All are welcome to participate.

Rifle & Pistol Club News

The annual meeting for election of officers for 1976 will be held at 5:15 p.m. on Tuesday, December 9, at the apartment area recreation building. Rules and instructions for operation of the new trap range will be passed out to those who have not received their copies yet.

1976 club memberships must be renewed before December 31, 1975 due to new accounting requirements.

—Don Huszagh

Two Magnificats

Bach's *Magnificat in D* and a *Magnificat* by Gregg Smith, the well-known choral conductor, will be presented by the Long Island Symphonic Choral Association on December 13 and 14, at 8:30 p.m., in the St. Teresa de Avila Chapel at St. Charles Hospital, Port Jefferson. Is the Christmas music by Muzak beginning to pall? Buy a ticket (\$4.00; students, \$1.50), park in the Clinic parking lot, and enjoy an evening of musical contrast.

Classified Advertisements

Placement Notices

Each week the Personnel Office lists personnel placement requisitions, currently being processed. The purpose of these listings is, first, to give notice of all non-scientific staff positions being filled and, second, to give employees an opportunity to request consideration for themselves through the Personnel Office. In filling vacancies, the Laboratory's objective is to give first consideration to present employees, as follows: employees within the immediate group having the vacancy, employees within the department or division, employees within the Laboratory as a whole.

For further information regarding a placement notice, or to request consideration for an available position, contact Supervisor, Personnel Placement & Development, extension 2874 or 2882.

274. TECHNICIAN - AAS degree or equivalent in mechanical technology. Knowledge of chemistry preferred. Hazardous Waste Management Group. Health Physics & Safety Division.

275. FACILITIES ENGINEER - Bachelor's degree or equivalent in architectural design and experience in engineering analysis, design, and estimating and procurement of services and materials associated with the erection of buildings and other structures. Plant Engineering Division.

276. MATERIAL HANDLER - Application deadline: December 16, 1975. Supply & Material Division.

277. ASSISTANT LIBRARIAN - Require a sound knowledge of library operations with a Bachelor's degree or equivalent in library science preferred. Technical Information Division.

278. CHEMICAL ENGINEERING ASSOCIATE - Seeking MS or equivalent in chemical engineering with experience in waste management, fuel cycle and actinide processing. Engineering and Systems Division. Department of Applied Science.

279. TECHNICIAN - AAS degree or equivalent in electronics technology with approximately four years electronics experience. Assignment involves maintenance and development of the 200 MeV Linear Accelerator. Familiarity with low voltage logic, high voltage equipment and some mechanical ability very desirable. Accelerator Department.

280. TECHNICAL ASSOCIATE - Temporary part-time position. Department of Applied Science.

281. SECRETARY - AAS degree or equivalent in secretarial science. Temporary position. Department of Applied Science.

Autos & Auto Supplies

TIRE - E78-14 Goodyear custom power cushion polyglas w/rim, like new. \$18. John, 929-4540.

59 VW - Good cond, best offer. 665-8317.

65 CHEVY - 1/2 ton pick-up, 70 engine, new trans, battery, shocks, good tires. \$450. Bob, 698-9765.

69 MERCURY SPORT COUPE - 6 cyl, auto, 61,000 orig mi, mint cond. \$1200 firm. John, 281-3308.

73 CHEVY VEGA STATION WAGON - Ac, r&h, excel cond, 33,000 mi. Asking \$2300. 924-3725.

68 CHEVY PANEL TRUCK - 3/4 ton, 6 cyl auto, mechanically very good, body poor. \$450. Bob, 473-0216.

2 CHROME RESERVE WHEELS - For Chrysler or Ford 14", \$25, both brand new; 4 rims for Chrysler or Fords on Amer motors 14", \$35; hub caps, mag style, 4 for \$15. 588-4703.

74 VEGA HATCHBACK - A-1 cond, ac, deluxe interiqr, low mi, 4 spd, GT package, radial tires. \$2500, must sell. 588-4703.

74 PINTO STATION WAGON - Automatic, new shocks, snow tires, green, tan interior, asking \$2400. 286-8560.

63 VW BUG - Good running cond, \$275; 1970 1/2 Honda 350, 2 bars padded sissy bar, elec start, very good cond. \$575. 289-1705.

74 CHEVY MONTE CARLO - Swivel bucket seats, ac/ps/pb, new radial snow tires, rear defogger, full vinyl roof. Jim, Ext. 3840.

67 GALAXY CONVERTIBLE - Needs battery. Jim, Ext. 2434.

2 SNOW TIRES - Brand new C78-13, w/w, \$35/pr, price firm. Rich, Ext. 4172.

71 MAVERICK - 6 cyl, 4 dr, auto, r&h, extra rims & snows, one owner, excel cond. \$1350. Lou, Ext. 4605.

CAM SHAFTS - Ford high performance, 1 for flat head V8, 1 for 1956-62 292 312; 1 for 352 - 390 - 406 - 427. Ext. 4068.

71 PINTO - Ac, auto, excel cond. \$1350. Mike, Ext. 4851.

68 RAMBLER WAGON - 6 pass, 6 cyl, auto trans, new snow tires, very good cond. Ron Manning, Ext. 3887, 286-0353 after 6.

Classified Advertisements

70 BUICK ELECTRA - Convertible, full power, new shocks, brakes & tuneup, ac, excel cond. \$1695. Ext. 3593.

71 TOYOTA - Station wagon, carolla 1200, standard shift, mechanically sound, good trans. \$900. John, 475-0126 after 5.

67 CADILLAC SEDAN - De Ville, ac/ps/pb, auto, stereo, new tires, very good cond, 63,000 mi. \$1000. Ext. 3078.

68 MERC MONT - 390, V8, auto, ps, very good cond, must see. Asking \$645. Bob, Ext. 4551, 289-2159.

70 OPEL KADETT - 2 dr sedan, 59,000 mi, 2 new snows, new clutch, radio, good econ trans. Ext. 2942.

73 DUSTER - V8, ps/pb/ac, tinted glass, space saver pack, very good cond. Ext. 2024, 878-0130.

68 HONDA 350 CC - Customized paint job, king & queen seat, excel cond. \$450. Frank, Ext. 4581, 588-3565.

4 TIRES - 695x14 BW tubeless Goodyear. \$5 ea. Gil, 924-3283.

74 BLAZER CHEYENNE - Package, many extras, must sell. 654-1582, 6-9.

73 PICK UP - Excel cond, ps, V8, 307, gold w/cap, 21,000 mi. Bud Hulse, 878-1915.

68 STEURY TENT TRAILER - Hdtp sun roof, sleeps 8, good cond. Asking \$475. 281-6849 after 6.

68 CHEVELLE - SS396, new 402 headers, Hays clutch, super T-10, 488 gears, clean. \$1450. 732-5004 after 6.

74 PINTO - 2300cc, auto, SB radials, clean. 298-4089.

70 HARLEY DAVIDSON - FLH, low mi, full dress electra glide, excel cond. \$2300 firm. 289-0913 after 6.

59 MERCEDES BENZ - 219, rebuilt engine, new wide w/w, new black paint, body excel, interior good, r&h, \$1575 firm. Sautter, 924-3338.

TIRES - Used & recaps, most sizes, extra rims avail. Call Ken, 289-8212 eves, no Lab calls!

73 JEEP WAGONEER - V8, 4 dr, ps/pb/ac, tinted glass, luggage rack, deluxe interior & exterior, excel cond, 20,000 mi. \$4500. Paul, 281-3100.

64 VW BEETLE - Sun roof, white, runs well. \$400. John, Ext. 4761, 924-3556.

73 PONTIAC LEMANS - 2 dr Colonade, dark green saddle interior, ps/pb, V8 350, auto. Asking \$2000. 281-8216 after 6.

RIMS - 14" Chevy, 15" Ford. \$4 each. George, Ext. 4612.

2 TIRES - Steel belted radial Sears 185-14. \$20 or trade D-14 regular - snows. George, Ext. 4612.

72 CHEVY NOVA - 2 dr, sm V8, radio, heater, 56,000 mi, excel cond. Asking \$1850, leaving for Europe Dec 18, must sell. Ext. 3105.

73 VW BUS - Kombi, good cond, 21,000 mi. \$2750. Adolph, 281-7670.

TIRES - (3) 685-15"; (3) 645-13", assorted cond. 475-0144, after 6.

70 DODGE CHALLENGER - Slant 6 automatic, mag wheels, wide tires. \$1050. 727-7515.

61 FORD FALCON - 2 dr wagon, 4:88 rear, drive shaft loop, roll bar, straight axle, 68 390 w/C-6 auto trans, seeks completion. \$300. 744-2083.

ASSORTED RIMS - O. Booker, Ext. 4719.

66 CHEVELLE SS - 4 spd, body excel w/vinyl roof, 396 engine. \$500. 924-3783.

Boats & Marine Supplies

TRANSOM WHEELS - For 1 person handling for boats of up 14'. \$15. Ext. 2482.

12' ALUM STARCRAFT - 9 1/2 Evinrude, Tee Nee trailer, oars, cover & accessories, perfect cond. Ext. 2482.

72 MARYLAND SHARPIE - 20'. \$650. Ext. 3386, 589-6715.

20' CRESTLINER - Cuddy cabin, 1968 100hp Johnson, good family boat. Jean, Ext. 2902, 727-5168 after 6.

Miscellaneous

RELOADING EQUIPMENT - & accessories, complete, RCBS, rock chucker & RCBS dies, .38 WC, mint cond. Ext. 2482.

HUSKY PUPS - Beautiful black & white Siberian, ready for Christmas delivery, champion lineage, AKC registered. 751-7140, Ext. 3323.

SLIDE PROJECTOR - Argus, manual. \$7. Mary Smith, Ext. 4622.

RINGER WASHING MACHINE - Kenmore, pink & white. \$20. 727-1329.

PINE CONES - 8", 25¢ each; small ones 2 for 15¢ & 5¢ each; tiny, 2 for 5¢. 727-1329.

PLUSH CARPET - 1" deep, antique gold, 9x11 for area or w/w, foam padding included. \$55. Dick, Ext. 3860, 698-5298.

PLANT & ATTIC SALE - Saturday, Dec 6, rain or shine, 14 Montauk Ave. East Moriches, 10-4. 878-0123.

CAMPING EQUIPMENT - Lightweight nylon wall tent, 7'x9'x6.5'. \$35; 2 sleeping bags, \$12 each; stove & saucepan. Ext. 3078.

COUNTER TOP - Excel cond, beige, 2 pieces, 2' wide, 1 piece 6 1/2' wide w/std sink cutout, 4" back splash. \$35. Dick, Ext. 3860.

TYPEWRITER - SCM portable, 2 months old, avail Jan. \$45. Ext. 3078.

IRISH SETTER - Christmas pups AKC, parents on premises. 698-5071 after 6.

SKI BOOTS - Reichle, plastic woman's 8 1/2, \$15; ski boots, Koflach, men's leather, 8M, \$10. 744-5096 after 4.

SKIS - 150cm wood, Tyrolia Jr. bindings, \$10; poles, 40", \$3. 744-5096 after 4.

TENNIS DRESS - Woman's size 5, \$4; junior coat, warm navy wool, size 9. \$10. 744-5096 after 4.

SKI CLOTHES - Pants, girl's, 10, \$4; jacket, men's, White Stage medium, \$12; warmups, woman's small-med, \$6; duofold ski undershirt, girl's 14; \$1.50. 744-5096.

MEN'S FIGURE SKATES - Size 10, black, \$7. 744-5096 after 4.

30" ELEC RANGE - Hotpoint, good cond. \$75. Ext. 3941, 744-8632.

AIR CONDITIONER - 22,500 btu, Welbuilt, 220 V, runs very well. 878-2215 eves.

25" COLOR TV - Sylvania, needs tube only, make offer. 878-2215 eves.

WOOD BURNING STOVE - Ashley, thermostat controlled, like new. \$200. Frank, Ext. 4581, 588-3565.

ALUM STORM DOOR - White, dutch style, 36 1/2" x 81". \$15. Chuck, Ext. 3512.

HO TRAIN SET - 4'x8' perm set up, 3 locs, 4 pass, 7 freight, new cond, fully landscaped. 924-4063, 281-3299.

GIRL'S SKATES - Sizes 4 & 11, buckel ski boots, 4x5 & 3 1/2, lace ski boots 5 1/2 & 8. Lloyd, Ext. 3381, 286-1024.

HOLLY HOBBIE DOLLS - Hand-made dolls. Hareon, Ext. 3334, 878-2591 after 6:30.

AMPLIFIER - Kustom Bass w/bass guitar, good cond. \$175. Ken, Jr., 473-8995 after 6.

NATIONAL GEOGRAPHIC - 1962-1975 w/maps. Jack Gandrey, Ext. 4592.

DEEP WELL PUMP - 4 stage w/2 yr old 1 1/2 hp motor, 110 or 220 V & holding tank & fused safety switch. \$150. 744-9429.

17" RCA TV - Portable style. \$35. Ext. 4240, 286-0295.

ELEC WALL OVEN - Yellow front, 24"x27", very good cond. \$25. Ext. 4240, 286-0295.

BABY GUINEA PIGS - 2 long haired. \$2 each. Black & brown. Ext. 2048.

DRAPES & BEDSPREAD - Ensemble, queen size, provincial floral design, like new. \$60; lamp, Spanish swag, black wrought iron, \$35; plaques, spanish wall, \$15; candelabra, spanish wall, \$15. 289-3595 after 6.

MICROWAVE OVEN - Tappan w/defrost, 2 months old, \$300; Sears free standing elec fireplace, corner model, asking \$70, was \$119 new. Whitey, Ext. 2913, 928-3088.

BABY ITEMS - Carriage, stroller, etc, all in good cond. 286-9765.

TURNTABLE - Empire troubador 598-II plus 2 Ze/x cartridges, excel cond. \$160. 744-3274 after 5.

30 GAL FISH TANK - & stand, 3 filters, under gravel dynaflo, diatom, gravel, coral, heater, many extras. \$55. 473-9275.

REFRIGERATOR - 12 cu ft, Frigidaire, perfect working cond. \$65. J. Leong, Ext. 4815, 3225.

AM/FM RADIO W/CASSETTE - Recorder & speakers, Hitachi, \$125; 3 fish tanks. 265-4236.

BABY ENGLISH PRAM - Excel cond. \$150 new, sell \$20. Ext. 2910, 286-1541.

MAHOGANY - 4"x4"x9', laminated, ex for gin pole. \$40. Bob, Ext. 4411.

TRAVERSE RODS - 3, 30"-48" span, \$3 each. 286-8256 after 4.

SKI BOOTS - Lace type, Austrian, very good cond, size 6-7, \$5; Bucklr size 5-6, good cond, \$7. 286-8256 after 4.

SKATES - Boys figure, size 7, very good cond. \$6. 286-8256 after 4.

ATLAS ACCORDION - Like new, 2 1/2 octaves w/case. Asking \$250. 878-0904.

RANCH MINK - Full length coat, fully letout, size 14-16. \$1200. 363-6063 after 6.

AIR CONDITIONER - A-1 cond, big enough for living rm & dining rm & kitchen, very big. \$75. 588-4703.

BLACK & WHITE TV - Console, 25", A-1 cond, works fine. \$50. 588-4703.

ENCYC BRITANNICA - 1954 ed w/all yearbooks, excel cond. \$75. 234-5487.

ORGAN - Wurlitzer model 13, reed type, mint cond, walnut cabinet w/stool. \$250. 234-5487.

JET PUMP - & 50 gallon tank. \$15. Ext. 4630.

GE DISHWASHER - \$10. 289-1705 after 6.

STROLLER - W/windbreaker & foot rest, good cond. \$10. 289-1242.

RUGER 10/22 - W/scope. \$50. Jim, Ext. 2434.

500 LB WEIGHTS - Metal & plastic, extra bars, bench & squat racks. Asking \$80. Jim, Ext. 2434.

MEC 700 RELOADER - \$40. Jim, Ext. 2434.

SCHWINN VARSITY - Men's bicycle, 10 spd, good cond. Jim, Ext. 2434.

ANTIQUE CAMERAS - # 4 Kodak cartridge, 1897 mint; Zeiss-Ikon Box circa 1940; Brownie-Hawkeye, circa 1950, make offers. 928-3951.

HOCKEY SKATES - Canadian, size 7, excel cond. Mary, Ext. 4175. 924-4328.

ELEC RHYTHM GUITAR & AMP - W/15" spkrs & 2 chan. \$110. 289-0753.

HOT CURLERS - Remington in carry case, \$5. 744-9822 after 5:30.

PRINTED POOL LINER - Brand new, still in original box, reasonable. 475-3135.

DISHWASHER - Sears portable, Coppertone, needs pump, otherwise in very good cond. \$40. Frank, Ext. 3499, 231-7210.

KITCHEN SET - 4 avacado high back leather chairs, walnut wood trim, walnut table w/leaf, very good cond. \$50. Frank, Ext. 3499, 744-2288.

MINI COCA POODLE - Lovely, but lonely, everyone works, free, 6 yrs old. 281-7327.

QUEEN SIZE - Bedframe (or double), box springs, \$25; mattress free. 286-8807.

FREEZER - Chest type, huge, ideal for sportsman, good working cond. \$45. 581-7656.

CARTRIDGE TAPES - 8 track, large variety. \$2 each. Ext. 2041.

20" BOY'S BIKE - Red, \$10; Zenith 19" B&W portable TV, \$40. Tichler, Ext. 2266, 289-5770 after 6.

7' SOFA - Gold & black, \$25; sofa bed, 6', \$70; both good cond. Ext. 4851, 732-6995.

PLAYPEN - W/matching mattress, mesh sides, 40"x40", good cond, auto swing w/music box, like new. S. Spark, Ext. 4111.

CAMERA - 35mm Zeiss-Ikon, built in light meter, excel working cond, best offer. 281-8274.

ICE SKATES - Men's hockey, size 9. \$6. Ext. 3823.

STEREO AMP - Paco 40 watt, tube type w/extra tubes. \$35. Ext. 3593.

ACCORDION - W/carry case. \$65. Les, Ext. 4074.

VOLT/OHM MULTIMETER - EICO model 565 new in carton, list price \$49.95 sell \$30. D. Vail, Ext. 2046.

PROVINCIAL BED RM SET - Ladies vanity, night stand, man's high dresser, box spring, mattress, headboard, 6 months old. Paid \$1000, take \$650. 475-8080 before 4, 475-2231 after 6.

MAGNAVOX STEREO - Paid \$150, sell \$50. 475-8080 until 4, 475-2231 after 6.

TENT - Free standing or attaches to side of van, \$100; 2 burner primus propane stove, \$15. 473-9180.

TELESCOPE - Tasco 14 TE, 60mm objective, 900mm focal length, tripod, equatorial mount, 5x25 finder scope, sun screen 200mm eye piece, 2X Barlow, erecting mirror, sun & moon filters, 6, 12.5, 23mm eye-pieces. \$125. Jerry, Ext. 3434.

5 STORM WINDOWS - 31 1/2"x47", (1) 27 1/2"x47", good cond. \$1.49 each. 298-8601.

BATHRM SINK - W/faucets, very good cond. \$25. Bill, Ext. 4249.

FORMICA TABLE - 4 chairs, 2 wrought iron chairs, 2 marble top coffee tables, best offer. Jean, Ext. 2902, 727-5168 after 6.

STORM WINDOWS - Wooden, 7 - 31"x71" & 9 - 31"x60". \$15 takes all. Ext. 2350, 475-8187.

SEWING MACHINE - White MFG, portable, circa 1955, good cond. \$10. Ext. 3712.

RUG - Sculptured nylon 9x12, brown & orange, good cond, excel for rec rm, etc. \$15. Ext. 3712.

CRIB - Full size w/mattress, very good cond. \$20. 878-0222.

PIPE DIE SET - 1/4" thru 1", also pipe vise, both made by Reed. \$15. 878-0222, after 5.

MEN'S SHIRT - Blue pullover. \$4. Ext. 3609.

SPRING COAT - Good cond, size 14. \$12. 744-5871.

BLUE BLAZER - 1940's style, good cond, size 12, \$5; melon spring coat, size 12, \$12. Ext. 3609.

I WILL TAKE YOUR CHRISTMAS WREATH ORDER NOW - 727-1494, Ext. 3696.

ANTIQUES - Cut glass, tables, chairs, bric-a-brac, dolls, oak screen frame, Belgian rug. 472-0509.

SKI SWEATERS - Children's handmade, pullover, size 6 & 8, blue w/red & white design. \$10 for both. Ext. 4068.

CAMERA - Nikon F - W/F 1.4 lens, '74 model, like new, asking \$400; fender amp, asking \$200. 878-2486.

13" COLOR TV - Portable, little work. 744-5083 after 6.

ICE SKATES - Misc boys sizes 12, 6, 7; women's 6 1/2, 7, 7 1/2, cheap. H. Barry, Ext. 3412, 878-2162.

ANTIQUE TRUNK - \$10; barbells, 2 1/2 lbs, \$8. H. Barry, Ext. 3412, 878-2162 eves.

BABY ITEMS - Back carrier, \$1.50. O. Booker, Ext. 4719.

2 BIKES - 20", 1 boy's, 1 convertible, \$5 each; 1 trike w/wagon attached, \$5. 751-3551.

HOCKEY SKATES - Boy's size 7, \$8; girl's white figure size 4, \$5; size 2, \$3. Joe, Ext. 3273.

CHRISTMAS WREATH SALE - Scout troop 4, Brookhaven, Southaven area on Sat, Dec 6, to assure getting one, call 286-9385.

DRUM SET - For beginner, bass, snare, toms, cymbal, brushes, etc, used very little. \$25. Paul, Ext. 4309.

Real Estate

Real Estate advertised for sale or rent is available without regard for the race, color, creed or national origin of the applicant.

For Sale

NORTH SHORE - 3 bedrm, 1 1/2 baths, partially finished cellar, knotty pine interior, fireplace, 20'x30', garage w/pit, 23,000 btu ac, appl, 15 min to Lab, low, low taxes. 744-3312.

SHOREHAM - Cape cod frame & brick, living rm w/ fireplace, dining, den, 3 bedrms, kitchen, 2 baths, center hall, 2 car garage, 1/2 acre, beach rights, many extras. \$60,000. 744-8949.

LAKE RONKONKOMA - Spacious 4 bedrm expansion ranch, 1 1/2 baths, modern eat-in kitchen, 5 appliances, garage, fenced 1/2 acre, attractive residential area, near LIR, Nichols Rd, schools, shopping. \$39,990. George, 588-6352.

CENTEREACH HEIGHTS - Mother & daughter, 2-6 rm apts, laundry rm, garage, 2 full kitchens, 3 entrances over 1/2 acre. \$49,500. 732-2869.

HIGH RANCH - 3 yrs old, 4 bedrms, 2 full baths, finished end, 1/2 acre, 15x32 adobe ground pool, 10 min from Lab. \$39,900, owner will pay real estate fee, call for appt. 281-0990.

For Rent

VERMONT VACATION - 3 bedrm mobile home w/ fireplace on 10 acres, 10 min from Okemo Mt, close to 7 major ski areas, weekends or weekly. Bob, 473-8186.

PATCHOGUE - 4 1/2 rm apt, near village, private entrance, adults preferred. \$270, util incl. 289-9321.

Wanted

EXACKTA XVLL & XVLLB - Bodies, lenses & accessories. Ext. 2482.

TWIN LENS REFLEX CAMERA - At reasonable price. Ext. 2482.

TO RENT - 2-3 bedrm house, unfurn, North shore area pref. 928-7035.

CAMPBELL'S SOUP LABELS - F. Chandler, Bldg. T-89.

TO SHARE - House in Medford, furnished bedrm, share remainder of house, incl appliances. \$30/wk + 1/2 util. Jack, Ext. 4255, 289-6708.

HONDA 50 - Excel cond. Ed, Ext. 2526, 765-2017.

RUG - 12'x9' in A-1 cond, either for sale or giving away. 588-4703.

16" BICYCLE - Any cond. Ext. 4630.

PORTABLE TYPEWRITER - In good cond. 288-1823.

16" TRIKE - 589-1358.

SOMEONE TO MAKE A BUILT IN - Breakfast nook, similar to benches & table at Pizza Hut. Ext. 3838.

CAMPBELL'S LABELS - Any kind welcome, Bldg. T-158. Bob Dee, Ext. 2582.

CLASS MEMBERS OF '56 - Port Jeff High School, names & addresses. Helen, Ext. 3481.

HAMSTER CAGE - Habitral, reasonable. 727-5134.

EMPTY CIGARETTE PACKS - Any brand, needed to sponsor young kidney dialysis patient, send to R. Piccione, Bldg 355, Rosalie, Ext. 3160.

TO THANK MAN WHO BROUGHT SACK OF - Empty cigarette packs to me. I failed to get your name, thanks again. Rosalie.

USED VW'S - Any year, any cond. 281-3460. Mike.