

BULLETIN BOARD

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April 18, 1968

Goldhaber Elected To APS Division Post

Dr. Maurice Goldhaber, Director of BNL, has been elected Vice Chairman of the American Physical Society, Division of Nuclear Physics for 1968-69. He replaces Professor Henry H. Barschall of the University of Wisconsin, who will become Chairman of the Division.

Dr. Goldhaber and Professor Barschall, along with three newly elected members of the ten-man executive committee, will take office on April 24, the last day of the APS annual meeting in Washington, D.C.

Secretaries Week Starts April 21

All next week is to be celebrated as National Secretaries Week, both at BNL and all over the nation.

Since the turn of the century, when "young women of character and breeding" began to replace men as operators of "typographic" machines, many changes have occurred. The secretary not only survived two World Wars and a depression, but her numbers rose and her responsibilities expanded.

The secretary now has many duties besides that of typing letters for her boss. She must be adept at making a cup of coffee, and know if her boss prefers it sweet, hot, black or light. She has to be a communications expert able to deal with the intricacies of the FTS system as well as knowing the schedules of the US Post Office and the pick-up times for the inter-office mail.

As the television commercials tell us, she no longer relies on carbon paper for multiple copies of a letter, but is familiar with the ins and outs of operating and maintaining the office copying machine. If she is a good secretary, she will know the birthdays of everyone in the office, and will be able to tell her boss the latest changes in top management long before any official news has been published.

Today's secretary uses an electric typewriter that has a neat plastic ribbon which, in theory, can be changed without dirtying a finger. The eraser as been consigned to the scrap heap in favor of Snopake and Ko-Rec-Type. A large percentage of the letters that she writes are transcribed from a dictating machine, and now she is equally at home with a set of earphones on her head as with a dictation pad on her knee.

Perhaps the most important asset of a secretary today is her tact. She is the first contact the outside world has with her department or her boss. For her high degree of judgment, initiative and skill, she is well deserving of recognition not only next week, but all year long.

IAEA To Confer At UN

The AEC announced recently that the first nuclear conference scheduled by the International Atomic Energy Agency at United Nations Headquarters in New York City will take place on August 26-30. This technical conference is one of 13 to be sponsored by the IAEA during 1968.

Officials are expecting that a large number of the 98 Member States of the International Agency will send between 300 and 350 delegates to the New York conference which will concern operating and developmental experience in treatment of airborne radioactive wastes.

The New York meeting is being sponsored by the IAEA with the cooperation of the U.S. Atomic Energy Commission and Harvard University.

This conference is the fourth to be presented in the United States by the Agency. Two were held at Brookhaven National Laboratory, the first in October 1963 on biological effects of neutron irradiations and the second in May 1965 on nuclear exchange reactions. The third took place in July 1967 at the University of Michigan on neutron thermalization and reactor spectra.

Reactor Kinetics Meeting At BNL

4-715-68



BNL Director Maurice Goldhaber chats with Nobel Laureate Eugene P. Wigner. Photos by Rosen



In a pre-banquet discussion are: (left to right) R. J. French, WAPD; J.H. Wright, WEC; Warren Winsche, Chairman of Nuclear Engineering Department, BNL and David Okrent, AEC.



Jack Chernick, Host to the meeting, talks with E.P. Gyftopoulos of MIT and A.M. Perry of Oak Ridge.

Cafeteria Decorated for Easter-Passover

4-693-68



Chef Peter Sanford and Doris Mason serve food at the BNL Cafeteria from a tastefully decorated counter. During the Easter-Passover days the entire cafeteria was decorated with flowers and fountains. Don Cole, assistant food services manager, was assisted in the display by Marge Murphy, Rose Pirozzi and Ollie Henningson. Photo by Rosen

Reactor Kinetics Confab International In Scope

Last week's meeting on Industrial Needs and Academic Research in Reactor Kinetics held at BNL brought together representatives from industrial organizations and universities with researchers from national laboratories. European and Canadian scientists joined with American scientists to discuss problems and progress in the field of power reactor building on both the theoretical and the practical level.

Jack Chernick, Head of the Theoretical Reactor Physics Division of the Nuclear Engineering Department of BNL was host of the meeting sponsored by the AEC Division of Reactor Technology. The two-day meeting comprised four sessions at which over twenty papers were read covering various phases of reactor kinetics.

After a short welcoming address by Dr. George Vineyard, Deputy Director of BNL, the first session opened under the chairmanship of David Okrent, Argonne National Laboratory, and a member of the AEC Advisory Committee on Reactor Safeguards. 4-682-68



Dr. George Vineyard, BNL Deputy Director, reminisces with Professor Irving Kaplan, former BNL Staff member.

The second session, on Monday afternoon was chaired by Irving Kaplan, Professor of Nuclear Engineering at MIT and former head of the Reactor Physics Division at BNL from 1947 till 1956. The Tuesday morning session was led by Alfred M. Perry, Oak Ridge National Laboratory, who has done much important work in reactor physics including the Molten Salt Breeder at Oak Ridge.

On Tuesday afternoon the conference ended after a panel discussion led by E. Richard Cohen, Deputy Director of the North American Aviation Science Center, known for his work in reactor physics and on fundamental physical constants. He was one of the 1968 winners of the E.O. Lawrence awards in nuclear science. 4-706-68



Eugene P. Wigner

At the meeting Banquet on Monday night, Dr. Eugene P. Wigner, Nobel Laureate, spoke about a national shelter system as part of Civil Defense. After Dr. Wigner's speech questions from the audience generated a lively discussion period.

According to Host Jack Chernick, "The meeting accomplished the prime purpose of bringing together representatives from industry and the universities to discuss common problems with people from the national laboratories. As more power reactors are being designed and built, there is more need for communication between those who are designing, testing and building them and those in the academic community who are providing the foundations for this work.

"For economic reasons as well as availability of raw materials, some countries favor one type of reactor over another, but most of the problems encountered are similar to all types of reactors. An active and continuing dialog between those most interested in reactor kinetics will do much to make the solution of common problems easier."

Oak Ridge National Laboratory

The Oak Ridge story is the second in the series of articles about AEC installations that is published in the Bulletin Board. The third article, on the National Reactor Testing Station at Idaho Falls will be run at a later date.

Oak Ridge National Laboratory is the most diversified of all field offices of the Atomic Energy Commission. Oak Ridge is used for exploring untrod scientific and technical paths. Pursuing such paths, in fact, is how Oak Ridge began.

When scientists first discovered that uranium atoms could be split, they realized the process would release the enormous energy holding the uranium nuclei together. They theorized that this energy could be released (1) in a controlled, peaceful process or (2) in a tremendous explosive force, as in a bomb.

With World War II under way, first development priority went to the bomb - particularly in view of fear that Nazi Germany might already be working on one.

So in 1942 the hills and valleys of this section of East Tennessee were visited by representatives of the Army's Manhattan Engineer District who were searching for a site for this top-secret effort. In September of that year the decision to choose Oak Ridge was made.



Probably the world's largest mouse colony - some 300,000 in number - is maintained for experimental purposes at the Biology Division of ORNL.

Fifty-eight thousand acres were quietly bought up. Some 1,000 families abandoned their homes, churches and schools and moved elsewhere. Behind locked gates and miles of security fences, plants and new housing and facilities went up on the Oak Ridge site for 75,000 workers. Work began, though few knew its real purpose or importance.

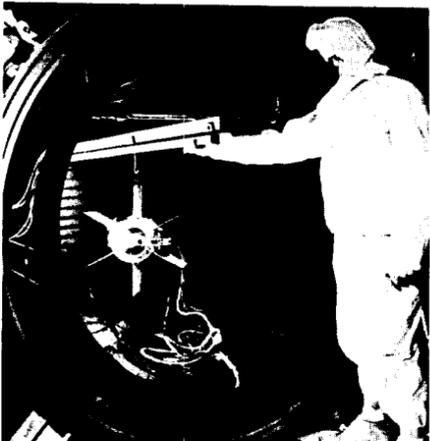
On August 6, 1945, the U.S. dropped its first atomic bomb of World War II. The bomb fuel was material from Oak Ridge's Y-12 complex.

Other Pioneering Steps

Two other pioneering projects meanwhile had gotten under way at Oak Ridge's restricted acres. Working with frantic urgency, engineers and scientists were building the first full-scale nuclear reactor and a chemical processing plant as a pilot facility to prove that the production and separation of plutonium, an artificial man-made fissionable element, could be accomplished.

Meantime, though the success of Y-12 was assured, it was obvious that it could do better in producing fissionable uranium if it could be fed uranium already more heavily concentrated in U-235 atoms to start with.

So another pioneering Oak Ridge project became the construction of the Nation's first gaseous diffusion plant.



Dressed like an astronaut, a technician at ORNL reaches into a chamber which simulates environmental conditions of the moon. Within the chamber is suspended the SNAP-11 thermoelectric generator which is expected to be the backup electrical power source for the lunar Surveyor vehicle.

The proposed facility was so enormous and so complicated that many thought it couldn't be built. Others said that if it was built, it wouldn't work.

Plunging ahead, Oak Ridge put the diffusion plant together and had it operating by February, 1945. It not only produced "feed material" for the electromagnetic process at Y-12, but proved so much more efficient and less costly in separating the two uranium isotopes that by the end of the war it had supplanted Y-12 altogether in furnishing U-235 for the Nation's military program.

Three Hundred Thousand Mice

Oak Ridge residents speak familiarly of megawatts when they think of some of the newer and larger power reactors being planned to produce millions of watts of electricity for civilian use.

Sometimes they also speak of "megamice."

The mice really number about 300,000. But that's still enough to make them the largest mouse colony anywhere in the world!

The megamice are residents of the Biology Division of the Oak Ridge National Laboratory which is an outgrowth of the war-time Oak Ridge project.

In one continuing Laboratory study, now in its 20th year, mice from the megamouse colony are used to determine what effects radiation may have on succeeding generations. The principal purpose is to establish guidelines for man in his own work with radiation.

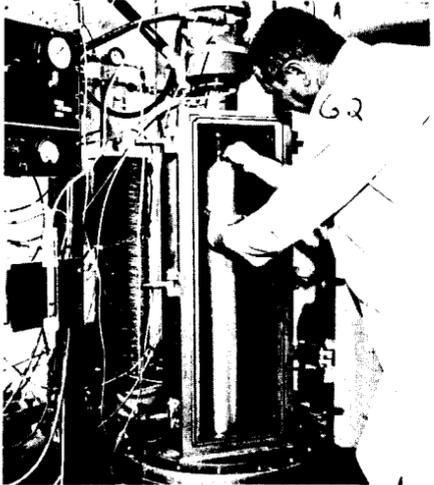
Reactor Research

Oak Ridge National Laboratory continues to be a center for nuclear reactor research and development, of course.

But instead of one reactor with which to work - the old graphite reactor which was retired in 1963 and made a Registered National Historic Landmark in 1966 - it now has eight reactors on the site.

ORNL, a principal center for research in radioisotopes, is the largest installation of its kind in the world for producing and distributing these materials.

Although the number of individual radioisotope shipments shrinks each year as industry takes over in the role of retailer, the amount of radiation supplied



A scientist in the Molecular Anatomy Program (MAN) at Oak Ridge makes adjustments on a high speed liquid zonal centrifuge which is being used to separate viruses and components of human and animal cells. The advanced system, called the K-II, is capable of producing highly purified vaccines.

annually from Oak Ridge rises as the Laboratory acts increasingly as wholesaler.

Agricultural Studies

Radiobiological research associated with agriculture is carried out at the Agricultural Research Laboratory, operated by the University of Tennessee under contract to the AEC.

The ARL has a research laboratory especially suited to large animal work. Gamma-irradiation facilities provide for plant and seed exposures and for work in plant genetics and plant breeding.

New approaches to growing lean meat on cattle and to selecting calves for increased milk production are among recent accomplishments in work with animals.

25th Anniversary Year

Last fall marked the 25th anniversary of the founding of Oak Ridge in September, 1942, as the site for the Nation's war-time atomic energy effort.

Today the population of Oak Ridge, now a self-governing community, has shrunk from its war-time population. But it is still a city of 30,000 people with more than 14,000 employed in AEC facilities valued at more than \$1.5 billion.

Here and There

Dolores del Castillo

James K. Thurber (Applied Math) spoke at a meeting on Statistical Mechanics at Yeshiva University on April 4. His address was entitled "On Limit Points for Roots of Dispersion Laws of Model Equations."

Robert Smith (Photography) addressed a meeting of the N.Y. Microscopical Society held at the Museum of Natural History on April 5. He discussed "Colorization Processes in Microphotography."

Maynard Smith (Meteorology) participated as a member of a panel on "Meteorological Education in the Greater New York Metropolitan Area," at the April 9 meeting of the New York Chapter of the American Meteorological Society.

Frederick P. Cowan (Health Physics) attended meetings of the United Nations Scientific Committee on Effects of Atomic Radiation at the United Nations Building, New York, as an observer for the International Commission on Radiation Units and Measurements.

The Brooklyn College Chemistry Club toured BNL's facilities on April 15.

C.H.W. Hirs (Biology) will appear on closed circuit TV in Atlantic City at a meeting of the Federation of American Societies for Experimental Biology. He will address the meeting on the subject of "Amino Acid Analysis."

George Lindauer (NED) and Henry Halama (AGS) were at Stanford University April 7 for discussions on heat transfer in super fluid helium.

A.W. Castleman and Frederick Horn (both of NED) visited at Atomic International on April 8 and 9 to assist the Reactor Safety Group and to observe aerosol experiments.

Leon Meshel (AUI) will serve as Discussion Leader next month at an American Management Association Workshop Seminar on "Managing the Internal Auditing Function." The three-day seminar will be given at the AMA Headquarters in New York.

Raymond Davis (Chemistry) recently gave a seminar on "Search for Solar Neutrinos" at the State University of New York in Stony Brook.

Garman Harbottle (Chemistry) recently attended a meeting in Vienna of the Abstract Review Committee for the forthcoming International Interdisciplinary Symposium on Meteorites (August 7-13, 1968). He is chairman of the organizing committee.

Howard J. Curtis (Biology) recently lectured at McGill University, Montreal, on the subject of "Current concepts of aging." Following his talk, he conferred with students and faculty members.

Lloyd Schairer, Marta Nawrocky, Charles Nauman and Richard Sautkulis (all of Biology) recently participated in the ground base Biosatellite II control experiment at Moffett Field, California.

Arnold H. Sparrow and George M. Woodwell (both of Biology) participated in the Workshop Conference on Ecosystem Irradiations held in Rhinelander, Wisconsin.

Foto Credits Deserved



The excellent pictures of the fire on the North Tract of BNL in last weeks *Bulletin Board* were taken by Robert J. Walton of Technical Photography and Graphic Arts. Walton arrived at the fire almost as soon as the BNL Fire Department, and stayed until he was almost out of film. On the way back to his studio, he saw fire engines stopping at the Research Library, and used his last two exposures to photograph the engines at the Library before he found that the alarm was set off accidentally by workmen in the building. The pictures of the Martin Luther King memorial service were made by Douglas Humphrey of the same division.

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Arrivals & Departures

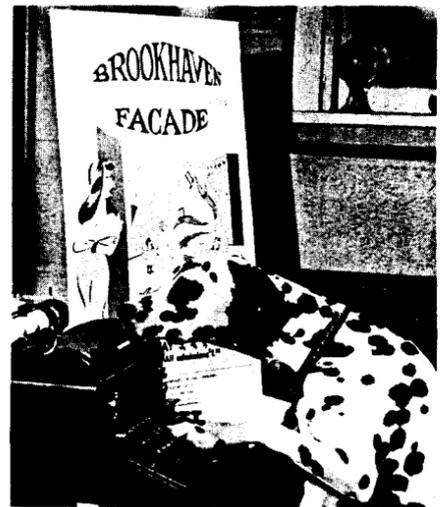
Arrivals

Alan N. Berry.....Appl. Math.
June M. Gentile.....Personnel
Lonnie B. Muldrow.....Pl. Eng. & Plan.
Milton R. Saunders.....Pl. Eng. & Plan.
Rolf O. Stark.....Central Shops
Florence Weiss.....Purchasing

Departures

Gustav K. Barwald.....Pl. Eng. & Plan.
Linda I. Baur.....Medical
Marie L. Kalousek.....Director's
Beatrice A. Kohler.....Personnel
Dorothy Marelli.....Personnel
Peter J. McCabe.....Pl. Eng. & Plan.
John F. Scott.....Sec. & Pl. Prot.

Spot News of Facade



Freckles, the Dalmatian mascot of the *Bulletin Board* knows a good buy when she spots one. Freckles is writing a spot news story about *Facade* to all of her canine friends, telling them that a spot of cash (\$1.50) will buy a spot in the theater for watching *Facade* on May 3rd, 4th, and 9th, 10th and 11th.

Hospitality News

A Hospitality Committee coffee meeting will be held on Monday, April 22, from 10 a.m. until noon. Newcomers and old timers are invited to take this opportunity to meet friends from on and off site.

Watch for the sign on Yale Road in the Apartment Area on Monday morning for the location.

The semi-annual tea and sherry party for newcomers will be held on Tuesday, May 7, from 3 to 6 p.m. at the Brookhaven Center. All wives of employees and all women of the Laboratory are invited to attend.

Children will be cared for in the Gymnasium, 3 Center Street.

An added attraction this year will be a fashion show featuring clothing from the Charlotte Shops of Sayville.

Wives of employees are invited to attend the tea and sherry party between the hours of 3 and 6 p.m. and women employees between the hours of 5 and 6 p.m.

Service Awards - April 1968

Twenty Year

Louis B. Adamee.....Plant E&P
James E. Alberti.....Central Shops
Henry E. Boyd.....Staff Serv.
John E. Craig.....I & HP
Raymond Davis, Jr.....Chemistry
Gustave W. Formhals.....Plant E&P
Marilyn Galli.....Information
Alfred J. Hamilton, Jr.....Mech. Engr.
Ernest Hartmann.....I & HP
Jack E. Phillips.....Reactor
Leo H. Redmond.....Accelerator
Forrest P. Reeve.....Reactor
Henry E. Ruge.....Nucl. Engr.
Kenneth P. Thompson.....Physics

Facade Script 21 years in Development



The cast first assembled in 1947 for a read-through of the script.

**Facade
Facade**

May 3, 4, 9, 10, 11

There has been a great deal of talk about *Facade* in rehearsal and mild success in revealing nothing about it. So, what's left? Of course, it's the rehearsal itself. It is permissible to speak on this, but only a little.

Have you ever been on the uptown IRT 7th Ave. Express? Well, somewhere before 149th Street and Grand Concourse, the conversation in most coaches shifts, inevitably, to rehearsals (and lately, proud to say, to *Facade* rehearsals).

How would you feel being in this situation and having absolutely nothing to say? Well, fear not. Since a picture is worth 1000 words, behold the following and see the completely basic and objective definition of "rehearsal."

For next week, you will be prepared for the Lexington Ave. Express downtown between 86th Street and Grand Central.

They're Here!

All seats are reserved, so please plan now, and buy now. Guarantee yourself one of the happiest evenings you've ever spent in the Theatre. And don't forget your friends, neighbors, and relatives. What easier way is there to prove BNL's sense of humor?

Facade Tickets

If you're looking for tickets to *Facade*, and remember, the dates are May 3, 4, and Thursday, May 9, and May 10, 11, here are the ticket order-takers. All seats are reserved, so first come, first served.

- AEC.....Barbara Strohm
- AGS.....Mary Smith
- Apl. Math.....Jackee Kelly
- Biology.....Irene Steele
- Chemistry.....Tony Nappi
- Cosmotron.....Barbara Keck
- Dir. Off.....Carol Roberts
- HFBR.....Terry Terlizzi
- HIRDL.....Fran Rizzo
- Hot Lab.....Mary Kinsley
- I. & H.P.....Angela D'Esposito
- Medical.....Bobbie Klimaski
- Nuc. Eng.....Pat Taylor
- Physics.....Pat Towey
- Reactor.....Ethel Skinner
- Res. Lib.....Ginnie Lyons

Tickets may be purchased directly at the Recreation Office.



After 21 years in production, the cast still sits and waits... some faces are definitely new ones.



They sing for their supper, on key or off key.



They vociferously argue such finepoints as "That wasn't me singing flat!"



But mostly, they study, listen, and wait until opening night.



They work like beavers (don't believe that it's heavy, it's all papier mache).

Al Hirt - From Classical to Dixieland Music



BERA Film Series

Thursday, April 25 - 8:00 p.m. - Lecture Hall

Tom Jones

Directed by Tony Richardson and starring Albert Finney, Susannah York, Hugh Griffith, Edith Evans, Joan Greenwood and Diane Cilento, *Tom Jones* is a film classic for all time. It is a lusty, ribald, triumphantly uninhibited movie version of Fielding's classic of 18th century England. The wit, humor (tongue in cheek) and story of Fielding has been made into a film comedy that has few equals.

For sheer wild, bawdy, roaring entertainment this is a must. The scene of Finney seducing Miss Cilento while they partake of a gargantuan meal is straight out of Hogarth, but in swirling color, is already something of a cinematic classic. A lavish, but meticulous job has been done to recreate the atmosphere of the time from rural barn and stag hunt through chandeliered ballroom in the Strand.

—Harvard Lyman

**Movie Tonight:
Ivan The Terrible, Part II.**

World Series Films Friday Night

by Tom Lee

World Series films will be shown on Softball Night, April 19th, at the Gym. All employees are invited. Beer, chips and hamburgers will be served. The program, which has been arranged by our Softball Executive Board, will include some general announcements about BNL's leagues, a talk by Charles Boccia, Long Island Softball Commissioner, a rules discussion period, and a showing of softball and World Series baseball films.

The softball fields can be reserved for practice games starting this week. See the Recreation Office for reservations. Tony Torre has been elected Equipment Chairman and as such will be responsible for the care and upkeep of the League's equipment throughout the season. Right now he needs your help - call him on Ext. 423.

"Is It True" . . . A Phoubar is a mobile type bar? . . . There will be a pack of rats in the League this year? . . . The Make-Ups have made up?

Softball Players - Men

If your department is not planning a team, call the Recreation Office, Ext. 391 and sign up in the "Player's Pool." Individuals in the "Pool" will be combined to form a new team or added to the roster of an existing team in need of help.

Just a Reminder

10 days from today over 1,000 lucky people will be treated to an exciting musical performance by Al Hirt and his band. This performance is for one night only and the response has been overwhelming. At this writing (one week ago), over 85% of the Theatre's seats had been sold. By this time it is probably much more. So, don't be left out because you've been meaning to get down to the Recreation Office for tickets, but thought that there was plenty of time left. The date is Sunday, April 28th at 8:00 p.m. at the Theatre. Tickets are \$5.00 for employee and family, \$6.00 for guests.

For you fans who can't wait, the Recreation Office has Al Hirt record albums on special sale for \$3.00 mono, \$4.00 stereo. These albums, as well as souvenir color programs, will also be available for sale at the performance. All albums will be personally autographed after the concert by Al Hirt.

Sunday Dinner

Add to your Al Hirt day's enjoyment with Sunday Dinner at the Brookhaven Center on April 28th. A special buffet dinner for \$3.50 will be served from 5 p.m. to 7:30 p.m. on April 28th. For reservations, call Ext. 2453.

The Center will be open after the performance. Show-goers will be able to purchase liquid refreshments in the North Lounge. Coffee and snacks will also be available.

Slo-Break Basketball

The Universities League play-off game between Medical (the second half winner) and the Highballs (who have a better won-lost record for the year) was scheduled for Tuesday of this week. Results were not available at press time.

The Associated League champion, Applied Mathematics (winner of both halves this season), will play the Associated League All-Stars at 6:30 p.m. today. Mike Zguris will coach the All-Stars. Each Associated League Captain, except Alan Saltzman of Applied Mathematics, will name three members of his team to play on the All-Star team.

The Universities League championship between Biology and the play-off winner (from Tuesday's game) will start at 8:00 p.m. today. Our BERA Basketball League will serve the traditional free beer, pretzels and chips to everyone in attendance for the All-Star and Championship games. Guests will be welcome.

Personnel Services

At the Recreation Office.

Open daily 9:00 a.m. to 1:00 p.m.

Athletic Equipment - In stock right now for sale are baseball/softball gloves at a discount of 1/2 off list price, softball bats, softballs, tennis racquets, tennis balls, and other assorted athletic equipment, all at discount prices.

Tickets and Reservations Available - Theatre tickets to certain shows (listed below) may be purchased at a 20% discount and reservations for dinner/theatre may be made at a 10% discount. Schedules and prices are posted in the Office. All orders must be placed in person and accompanied by a check or money order made payable to the theatre at least two days in advance. Sorry - no discounts on Saturday nights.

Mineola Theatre - Now through April 28 Herschel Bernardi in "The World of Sholom Aleichem"; April 30-May 12 "Come Back Little Sheba."

Westbury Music Fair - Now through May 4 Assorted shows - no discounts offered; May 7-12 Merv Griffin Show - no discounts Friday and Saturday.

Wedgewood Dinner/Theatre - April 19 through May 26 Tony Martin in "Guys and Dolls."

Red Cross Needs Year-Round Help

The American Red Cross has for more than 85 years served the members of the Armed Forces and their families as well as those who have suffered in times of natural disaster. Even though March was designated as Red Cross Month, donations of money and blood will be needed all year long.

Classified Advertisements

Autos & Auto Supplies

66 DAF AMERICAN - Auto trans, 4 dr sedan, heater, new tires, good cond. R. Panvini, Ext. 7661, 751-3195 nights.

60 TRIUMPH TR-3 - Eng recently overhauled, TR-4 trans. D. Michael, Ext. 7615, 751-8776.

65 MUSTANG - 2 + 2 fastback, virgin white, V8, auto trans, as new cond. \$1485. W. Moser, Ext. 2872, 744-6854.

TRAILER HITCH - Suitable for Chevelle or Chevrolet. M. Greene, Ext. 7779.

60 DODGE 3/4 TON PICKUP - 8 ply tires, 4 spd trans, new brakes, set up for camper. \$600. Jay, AT6-9501.

65 PLYMOUTH SPT FURY - 50,000 mi, 383 cu in, auto trans, convert. Make offer over \$1300. T. Beede, Ext. 2869, 732-5549 after 5:30 p.m.

REAR END & AXLES - For '55-'58 Chevy 1/2 ton pickup; 4 spd trans for Chevy GMC. G. Stenby, Ext. 2804.

55 GMC 1/2 TON PICKUP - 4 spd trans, perfect motor, body good. Bill, Ext. 2971, 878-0174 after 5 p.m.

65 VW CONV - Red, excel cond, perfect economy car. Best reasonable offer. Paul, Ext. 2143, 281-3634.

2 SNOW TIRES - 6.50x13, mounted on 64 Comet rims, plenty of tread. \$30 ea when new, asking \$10 ea. A. White, Ext. 7231.

59 TRIUMPH MOTORCYCLE - As is. Best offer. McKee, Ext. 7112.

62 CADILLAC COUPE DE VILLE - Blk, exceptionally clean, full power features. \$1500. Ext. 2840, 924-3581.

59 CORVETTE - '65 327 eng, low mileage, 2 tops, new brakes, shocks, exhaust system, like new cond. \$1200. Bill, Ext. 464.

53 CHEVROLET CARRY ALL - Recent valve & ring job, new brakes, tires not so good. \$100. E. Meier, Ext. 2969.

15" TIRES & WHEELS - For Volvo. \$15. J. Guthy, Ext. 2450.

59 HILLMAN SEDAN - \$275. Ext. 2853, AT6-0798.

62 CHEVY II NOVA - 4 dr, 6 cyl, std trans, r/h, low mileage. \$525. B. Tallon, 473-0765.

66 TWIN YAMAHA 100 MOTORCYCLE - Low mileage, helmets & tools. B. Gneuhs, GR5-1054 after 5:30 p.m.

64 TEMPEST - Custom sports coupe, 6 cyl, r/h, auto trans, ps/pb, padded dash, tinted windows, excel cond. \$1050. 732-8458.

62 MERCURY MONTEREY - Custom 4 dr, hdtop, 8 cyl, r/h, w/w tires, low mileage, excel cond inside & out, A-1 running cond. \$595. 281-6732.

60 FORD COUNTRY SQUIRE - Very good cond, tires under guaranty, owner leaving country. \$475. Ext. 7289, 281-3008 after 6 p.m.

TRIUMPH MOTORCYCLE - 650cc, black beauty, custom seat & tank, fast & pretty, excel cond. \$500. R. Piccione, Ext. 2342, 289-5704 after 5:30 p.m.

TIRES - 5 Firestone Deluxe Champion, 7.75x14, taken off new car. \$90. HR3-1456.

62 FALCON - 2 dr, std trans, reliable trans. Asking \$150. Bob, Ext. 2598.

TRIPOD JACK - '64 Chevy II fan belt, new; 6.50x13 tires; 13" 5-hole wheel for Chevy II. M. Strongson, Ext. 2727.

66 VW CAMPING BUS - Roof rack, etc., leaving country. D. Luers, Ext. 7792, 744-6475.

61 RAMBLER STATION WAGON - Classic custom, 6 cyl, r/h, auto trans, ps/pb, new carb, fuel pump, batt, exhaust system & rings. \$300. 732-8458.

57 BORGWARD-"ISABELLA" - 2 dr sedan, r/h, 4 spd synchro trans, 25 mpg. \$69.38. YA4-3298.

65 VW "BUG" - Gas gauge, seat belts, 38,000 mi, 1 owner, excel cond. \$895. YA4-3298.

66 VW SUNROOF - 21,000 mi, clean. Asking \$1200. HR3-7460 after 5:30 p.m.

66 DODGE DART - 4 dr, r/h, auto trans, ps, excel cond. \$1425. Morris, Ext. 7739, 744-5096.

63 FORD RANCH WAGON - 4 dr, 6 cyl, std trans, excel running cond, new brakes, 2 new tires, r/h. \$550. Torre, Ext. 423.

65 MUSTANG - Conv, V8, auto trans, ps, oval tires, excel cond. \$1350. Jo-Ann, AT6-9501.

66 VALIANT - Ps, auto trans, 4 dr, blk w/red interior, excel cond inside & out, must sell, bought a wagon. Jerry, 475-5196 days, Ext. 2117 after 4 p.m.

60 MERCURY COMET - Std trans, good motor. A. Carlucci, Ext. 2255.

59 CHEVROLET FLEETSIDE PICKUP - Good cond. \$295. Ext. 7166.

61 SCOUT - 4 wheel drive. \$300. Dave, Ext. 7676, EM3-6512.

66 CORONET - Hdtp, V8, ctr console, bckt seats, ps, extras, little more than 1 yr old, 19,000 mi, very good cond. \$2100. Ext. 7618.

Boats & Marine Supplies

10 HP EVINRUDE OUTBOARD MOTOR - '58 model, starts & runs well. \$75. Gary, Ext. 476.

21' CHESSAPEAKE BAY SLOOP - As is, best offer; 5 1/2 hp Evinrude outboard motor, \$60; 8' plywood pram & oars, \$20. McKee, Ext. 7112.

DEPTH INDICATOR - Sonar Model D120, 12V, excel cond, 1 yr old. Mike, Ext. 2811, 2387.

15' LONE STAR - 3 yrs old, navy top, 35 hp Johnson, plus trailer, all in good cond. \$650. Ext. 560.

16' PENN YAN - W/trailer, 40 hp Evinrude & many extras. Frank, Ext. 2963, 7382.

INTERCEPTOR ENG - 260 hp, 2 1/2/1 reduction, right hand rotation, incl left hand engine compl except for lg holes in block. Asking \$300. Ext. 7244.

SEA GULL SAILBOAT - 18' dacron sails, ss rigging, fiberglass deck, w/sm sheltered cabin, good cond. \$600. Coppens, Ext. 2125, GR5-6881.

1960 LUHRS SEA SKIFF - Excel cond, many extras, 170 hp Gray Marine. \$2795. 941-4467 after 6 p.m.

30' WHEELER CRUISER - Sleeps 4, fully equipped & in prime cond, ideal family cruising boat. Asking \$4500. J. Hendrie, Ext. 7408.

30' STEADY - Wide beam, roomy cabin, 2 bunks, head, easy walkaround deck, 115 hp Chrysler Crown, big cockpit. \$1495. Stang, Ext. 379.

14' RUNABOUT - W/trailer & 35 hp Johnson, windshield, remote controls. \$350. PA7-0560 after 3 p.m., Ext. 2449 after 5 p.m.

WINDMILL 15' SAILBOAT - Ready for the water, compl w/trailer. Bigeleisen, Ext. 678, 472-0215 eves.

58 CHRIS CRAFT CLIPPER 27' - 1965 185 hp eng, s/s, extras, in excel cond. L. Emma, Ext. 425.

Miscellaneous

23" CONSOLE TV - Blonde cabinet, needs repair. \$50 Susan, Ext. 2313.

11 CU FT SHELVDOR REFRIGERATOR - Needs repair. Yours free for taking. Susan, Ext. 2313.

KITCHEN SET - Chrome, grey & white, excel cond. \$25. H. Alexandersen, Ext. 2598, LT9-0996.

SCOTTY TRAILER - 13', sleeps 5, stove, refig, 2 gas bottles. \$550. H. Alexandersen, Ext. 2598, LT9-0996.

RCA WHIRLPOOL REFRIG - Freezer compartment, excel cond, \$50; wringer washing machine, 1 yr old, \$50. H. Alexandersen, Ext. 2598, LT9-0996.

WURLITZER SPINET PIANO - Excel cond. \$200. H. Alexandersen, Ext. 2598, LT9-0996.

GRETSCHE - Progressive "Jazz" model (4"x10"), micro sensitive strainer, 42 power snare w/cover. Reasonable. A. Minardi, GR5-8128, 6-6:30 p.m.

DINING RM SET - Table 40"x60" w/12" extension leaf, 4 chairs, 1 breakfront, fruited construction, good cond. \$100. ANS-6766.

SPRINGFIELD/TORO LAWN TRACTOR - 4 cycle, 5 hp eng, full gear trans, 3 forward, 1 reverse w/25" rotary mower & 36" snow blade. Natoli, AT6-0102.

STROLLER - In good cond, only 1 yr in use. \$5. W. Gordon, Ext. 2913, GR5-1510.

HAIR DRYER - Like new. \$5. W. Gordon, Ext. 2913, GR5-1510.

BABY CRIB - Folding type, w/mattress, like new. \$10. W. Gordon, Ext. 2913, GR5-1510.

SEARS MOTOR - 20" rotary 3 hp, serviced under Sears contract. 589-5337.

SILVER CERTIFICATE - Highest offer. M. Strongson, Ext. 2727.

19" GE TV - Console or table model, very good picture. \$30. Gordon, Ext. 2913, GR5-1510.

STEAM, SPRAY, DRY IRON - Excel cond. \$5. C. Paul, Ext. 7731.

GOLF CLUBS - Women's, Wilson-Patty Berg, auto-graph clubs, 5 irons, 3 woods, putter, good cond. \$35. C. Paul, Ext. 7731.

NEVEMAR KITCHEN CABINETS, CINIM - Walnut, "L" shaped, 32' of cabinets, w/countertop & full backsplash, sink & GE stove. 744-2821.

GALAXIE ELEC ORGAN - 12 chord, good cond. \$25. Bob, Ext. 339.

BEDFRAME - New, adjustable twin to queen size, up to 80" long, still in box. \$10. Jim, Ext. 598.

MODEL PLANE - Free flight, 36" wing span, w/eng plus timer gas cutoff, never flown. Dick, HR3-7460 after 5:30 p.m.

LAWNSWEEPER - Sears Craftsman, 25", used only a few times, like new. \$25. John, Ext. 2200.

SELF SUPPORTING SPAULDING TOWER - 42' high, 28 element channel master antenna. Both \$70 firm. 722-4865.

4 ADULT AFRICAN FROGS - \$6. F. Bay, Ext. 445.

BLACK WIG - Hand made, worn only 3 times. Orig. price \$200, make offer. Ext. 2472.

SPRUCE TREES - 3', 4 & 5 yrs old. AT9-1003.

LAWNMOWER - Toro power handle w/22" self propelled rotary mower attachment, attachment needs repair. \$40. Ext. 2574, HR2-1097.

STEREO - Finest professional component system, AR: Janszen, Dynakit, must be heard. Sacrifice, \$575. Ext. 2888.

8 MM MAUSER - Sporterized, Williams receiver, butt pad, etc, shoots MOA, NRA excel. \$75. Ext. 2888.

MOVIE CAMERA - Super 8, elec eye, manual & elec zoom, excel cond. M. Strongson, Ext. 2727.

19" ZENITH TV - Portable, simulated wood finish, stand incl, 8 mos old. Cost \$150, asking \$90. Carol, Ext. 325.

SCREENS - Wood frame, full window, 5 each 28" x47 1/2" & 31"x55". Best offer. B. Keck, Ext. 7240.

SOUTH COUNTRY SHORES GARAGE SALE - April 20-23, 10 a.m. - 6 p.m., 76 Durkee Lane, E. Patchogue.

TWEED RUG - 13'x15', white, gold & brown, also have padding, 1 yr old. Orig cost \$138, sale price \$75. Bob, Ext. 2258.

BATHTUB - 5' white enameled steel, lefthand drain. \$15. T. Morris, Ext. 7739, 744-5096.

2 WINDOWS - Dble hung wood, compl w/screens, casings & trim, 2'2"x3'2", 1'6"x4'2". \$5 each. T. Morris, Ext. 7739.

24" SEARS RIDING MOWER - 2 yrs old; also Black & Decker elec mower, used 3 times. Jerry, Ext. 2532.

BUILDING PLOT - 120'x140' in Shirley, close to stores & RR, 10 min from Lab. Jerry, Ext. 2532.

RIDING LAWN MOWER - 24" Craftsman, good cond, needs tune-up. As is \$95. K. Entler, Ext. 7537.

5-LIGHT BRASS CHANDELIER - \$10; 3 gal stainless steel water cooler, \$8. Bill, Ext. 369.

REFRIGERATOR - Hotpoint, 12 cu ft, w/top freezer, about 10 yrs old. \$40. Ext. 7618, AT6-1358 after 6 p.m.

YOUNGSTOWN SINK - White, excel cond, incl faucets, size 24x24. \$25. GR5-7372.

BABY CARRIAGE - Red, excel cond; doll carriage. Sehgal, Ext. 2741, 439.

Houses

PATCHOGUE - 3 bedrm, 2 story colonial, 2 car garage, 1 1/2 baths, patio, extras, grounds, occupancy Aug 31, close to store & school. \$21,500. 475-6881.

EAST PATCHOGUE - 3 bedrm ranch, eat-in kitchen, liv rm, bath, full basement, fenced back yard, fully landscaped, attached garage. \$12,500. AT6-9262.

RIVERHEAD - Cape Cod, 2 bedrm, 1 bath, 600 sq ft expansion attic, situated on quiet, secluded 1/2 acre lot. W. Wilson, 727-1864.

WADING RIVER - 2 bedrm ranch, w/w carpet, baseboard hw heat, dble garage, full basement, 130'x150' landscaped, dogwoods surrounding area. 929-4714.

SAYVILLE - 7 rm, 3 bedrm ranch, rec rm w/fireplace, s/s, full basement, att garage, 1/2 acre, treed corner lot. \$18,000. LT9-6752.

BELLPORT VILLAGE - 3 bedrm ranch, 1 1/2 baths, eat-in kitchen, din & liv rm w/w carpet, fireplace, full finished basement, att 2 car garage, covered patio. \$23,000. 286-3574.

CORAM - L-shaped ranch, 6 rms, fireplace, basement, s/s, air cond. 732-6456.

SAYVILLE - 8 rm, 3 bedrm split, nice neighborhood w/many trees, w/w mahogany bookcase, all appliances, private patio. \$18,900. LT9-3670.

MASTIC - Forge River waterfront, 3 bedrm house, avail May. \$13,900. 878-0175.

BROOKHAVEN VILLAGE - 4 bedrm ranch, liv rm, din rm, porch, 1 1/2 baths, dble garage, 1 1/2 acres, fully landscaped, 150' frontage. AT6-1358.

MEDFORD - Nice area, 3-bedrm ranch, custom built, w/fireplace, breezeway w/barbecue, garage, w/w carpet, hw heat. \$18,500. 475-2157 after 4 p.m.

For Rent

4 BEDRM COLONIAL - Shoreham, furnished, fam rm, fireplace, 2 car garage, beach rights, avail about Sept 1 for 1 yr. \$250/mo. R. Schermer, Ext. 541.

FURNISHED COTTAGE ON ESTATE - Bedrm, liv rm w/fireplace, hw heat w/baseboard radiation, sun deck, lovely surroundings. \$135/mo. Ext. 2267.

8 RM HOUSE - Bellport, near bay & shopping, furnished, washer, dryer, dishwasher, 14 mo lease beginning June 20. Ext. 7660, AT6-8453.

Wanted

MODEST FURN HOUSE - Or apt west of Lab for 1 person until Aug 15. Ext. 2888.

TYPING - Term papers, etc., to do at home. Claire, Ext. 2131, 281-9034 after 5:30 p.m.

HOME FOR A KITTEN - Choice of male and/or female, 3 wks old, tiger striped grey & blk. L. Abrams, Ext. 7198.

LIFE MAGAZINE - Single issue, Oct 14, 1966. E. Klug, Ext. 388.

WOMAN TO DO IRONING - Your house or mine. Mrs. Roth, SH4-2725.

USED CASE - For SLF camera & accessories. K. Fuchel Ext. 2446.

HOME FOR HANDSOME, AFFECTIONATE CAT - Grew up w/5 children, has been altered. Ext. 2267.

HOMES! - For 4 gray or gray & white kittens, 7 wks old, get them now, while they're cutest. J. Weeks, Ext. 346.

10 GAL FISH TANKS - Stainless steel. \$2 each. G. Stenby, Ext. 2804.

IRONING HELP - Needed on a regular weekly basis, will bring it to your home. Sandy, 751-8408.

GARDEN TRACTOR - Gravely 2-wheel, or equivalent, R. Strand, Ext. 7658.

RIGHT HAND SIDE OF \$1000 TIGERAMA - Will share w/owner 50-50. Schmitt, Ext. 2478.

WOMAN TO DO WEEKLY HOUSEHOLD CLEANING - Must have own trans. Mrs. Roth, SH4-2725.

TO BUY - 4 bedrm (or more) house in Bellport-Brookhaven, Three Village or Pt Jeff school districts, family w/5 boys. AT6-0414.

CUB SCOUT UNIFORMS - Cheap, preferably free, size 10 and/or 12 for needy Cub Scouts (not our own!) Olness, AT 6-0414.

SWIMMING INSTRUCTION - For 2 boys (5,7) at Lab pool. K. Metzner, Ext. 2341.

TO RENT - Unfurn house, 4 bedrm min, Stony Brook, July, 1 yr min. K. Metzner, Ext. 2341.

CANOE - Guide type, at least 18' (sq stern) either fiberglass or aluminum preferred, w/mast & sails. WA9-4876.

8 MM MOVIE PROJECTOR - Georgie, Ext. 2191.

Carpools

PAYING RIDER - Will need ride from Fairway Dr, Bellport, beginning 1st wk in May. D. Kimlin, Ext. 2365.

2 ADDITIONAL DRIVERS - To compl carpool from Massapequa area & points west. D. Blackmur, Ext. 2554.

LOOKING FOR CARPOOL - To share driving & riding from vicinity of Floral Park, Queens. Ext. 2843.

DRIVER - To join carpool from Smithtown. Al, Ext. 344.

WANT TO JOIN OR FORM CARPOOL - From Pt Jeff. Dick, Ext. 2108, 2305.

CARPOOL OR RIDE WANTED - From Patchogue area. B. Rosser, Ext. 7534.

PAYING RIDER - So Country Rd & Bayview Ave, E Patchogue. Art, Ext. 2389.

Lost & Found

FOUND - Pressure gauge for tires, at baseball play ground at BNL. Ext. 2248.

LOST - Female cat, pregnant, white belly, racoon tail & back, named Cutie, miss her terribly. Reward for informant. Ext. 523 eves.

FOUND - Diamond wedding band & engagement ring at pool on Friday, April 5. Ext. 2808.

Classified Ad Policy

Deadline is 12 noon Friday for publication the following Thursday.

1. The Bulletin Board's classified section may be used only by active and retired Laboratory employees.
2. All items for sale or rent must be the advertiser's property.
3. Persons listing houses, apartments, or rooms for sale or rent, do so with the understanding that these must be available without regard to race, creed, color, or national origin.
4. Ads for material acquired for resale in association with a full or part-time business cannot be accepted.
5. Ads should be restricted to 20 words or less and typed

or printed on the form provided, and must bear the employee's signature.

6. Ads not carried because of space restrictions will be held for publication in the next issue.

7. Ads are run only once and must be resubmitted if they are to be repeated.

8. Firearms offered for sale or trade may not be brought on site.

- | | | |
|--|---|--|
| <input type="checkbox"/> For Sale: Auto & Auto Supplies | <input type="checkbox"/> For Sale: Houses | <input type="checkbox"/> Carpools |
| <input type="checkbox"/> For Sale: Boats & Marine Supplies | <input type="checkbox"/> For Rent | Check <input checked="" type="checkbox"/> the heading applying to your ad. |
| <input type="checkbox"/> For Sale: Miscellaneous | <input type="checkbox"/> Wanted | Print or type your ad in 20 words or less. |

(Name & Phone No. To Call)

If this ad concerns housing for sale or rent, such housing is available without regard to race, creed, color, or national origin.

Employee's Signature _____ Life No. _____ Ext. _____

Send to: BULLETIN BOARD, 40 Brookhaven Avenue