

Turn On To Tune-In!

For the past ten years, employees who wanted to get rid of a gripe, question a practice, or just comment on things in general, have done so through the medium of Tune-In. This program came into being to serve as a channel between employees and management to answer questions not normally dealt with in the daily routine. The main advantage of Tune-In is that it provides anonymity for the employee.

The Tune-Ins are addressed to the Editor of the Bulletin, through whom the questions or complaints are answered. When the letter is received at the Bulletin office, it is numbered and typed without the author's name, and forwarded to the appropriate person for reply. The reply is then sent to the employee and no record is kept of the identification of the writer. Those letters of general interest are published in the Bulletin. Sometimes a question is too complicated to be handled by a written reply and, in such cases, a meeting is arranged so that the matter may be discussed.

Plastic boxes containing red Tune-In forms were placed originally on the wall near the entrance of most buildings. However, a recent survey has shown that a number of buildings are without Tune-In boxes, particularly those that have been renovated since 1970. As soon as new boxes can be obtained, this situation will be rectified. In the meantime, if you wish to order a supply of Tune-In forms, they may be obtained from Frank Norton on extension 2534.

Over the years, about 600 Tune-Ins have been received and answered. Many of them have dealt with traffic problems and parking space, employee benefits, cafeteria food, car-pools, the 4-day week, raises (or lack of same), and so on. One recently asked why oil shale is not being utilized in this country, a question which was handled by our National Center for Analysis of Energy Systems. This issue contains a Tune-In expressing

concern over the recycling of paper products.

So turn on to Tune-In! It is an easy way to make your views known to management and you are guaranteed a reply.

It's The Law

Cost of energy for Brookhaven Lab is increasing at an alarming rate. Electricity for 1980 is estimated to cost 60% more than last year. For 1981, it is projected to increase by another 15% over 1980. Fuel costs will spiral even faster. In 1979, the Lab spent \$2 million in fuel oil. In 1980, the cost will double to \$4 million. In 1981, the estimate is \$6.6 million.

What can we do?

CONSERVE ENERGY!

In fact, we have no choice. It's the law. The Department of Energy, in compliance with Presidential guidelines, has issued a directive, which requires Brookhaven Lab to reduce its energy consumption by 20% by 1985.

Here are some simple conservation measures that each of us can take:

- In the winter, set thermostats at 65° F during the day. In areas where automatic setbacks have not yet been installed, be sure to turn thermostats down to 55° when you leave work.
- In the summer, set air conditioners to 78° during the day. Turn them off after work.
- Remember that electric space heaters are out and sweaters are in.
- Switch off unnecessary lights. Always turn your office lights off when you leave for the day.
- Plan your trips efficiently when you use a Lab vehicle. (The Lab is under mileage restrictions, too.) Don't take it to the cafeteria or to the bank.

Finally, remember that no matter who is paying the energy bill now, in the long run, all of us pay.

Thanks From The National Urban League



BNL was cited recently by the National Urban League, Inc., for its cooperation in the League's Black Executive Exchange Program (BEEP). Three BNL scientists (seated from left) - chemist Robert Thomas, physicist Augustus Prince and health physicist Anthony Greenhouse - have given their time and effort over the last six years as visiting professors at black colleges. During their visits, they conducted seminars and talked with students about their respective fields. One of the goals of BEEP is to acquaint students with the preparation needed for what had formerly been considered non-traditional careers, and to give them an increased awareness of professional career functions. Standing (from left) are Harvey Thomas, Affirmative Action Assistant to the Director; David Schweller, DOE Area Manager; Renee Flack, Equal Employment Opportunity Assistant; and Deputy Director Warren Winsche.

—photo by Humphrey

Magnet Workshop



—photos by Humphrey

Alvin Tollestrup (left) of FermiLab was the keynote speaker at a plenary session of a recent workshop at BNL on Superconducting Magnets for High Energy Physics. The workshop was chaired by BNL's John Blewett (right). The meeting which attracted 150 participants from other research institutions was organized by DOE's High Energy Physics Division. Below, William Hassenzahl (LBL) chaired the study group on Training, one of ten such groups which explored different aspects of superconducting magnets. According to Blewett, the workshop drew many more people than expected, and a great deal of information was exchanged. "We covered a lot of ground," he said.



Start With 1600 Lbs. Of Grapes

A group of BNL employees recently joined forces to make wine. This is the first of a two-part series about their experience.

America is not considered a nation of wine drinkers. But to a few Lab employees, wine is so special that they take a great deal of pleasure in making their own.

You might have noticed in the *Bulletin* last summer a want ad that read "Winemakers Unite!" That ad was run by Tom Dickinson, Accelerator, who organized a group wine making effort. He was joined by Tom Millener, Physics, Vinnie Racaniello, Accelerator, and Ernest Warburton, Physics.

Dickinson has been making wine from grapes since 1969. Others in the group have experimented with making country wines from dandelions, chokeberries, and other plants. For this group effort, they set out to make wine from grapes.

The first step is buying the grapes. In New York, September and October are grape harvesting months, and several in the group made trips to the Hudson Valley to buy grapes. They could have stayed here on Long Island, but the grapes grown out on the North Fork are *Vitis vinifera*, the species used for making wine in Europe and California, and cost about 60¢ a pound. Hudson Valley grapes cost less than half that amount. And although they are hybrids, a cross between *vinifera* and native eastern American species, Dickinson thinks they make fine wines.

Altogether, the group bought 1600 pounds of grapes in three varieties: Baco, Chancellor and Seyval Blanc. The first two make red wines, and

the third makes a white wine.

Grapes for wine are very high in sugar content and thus very attractive to fruit flies. So after getting back to Long Island, the group immediately began the next step in the process, crushing and pressing. They used equipment borrowed from R. Christian Anderson, Director's Office, an old hand at wine making.

Making the Wine

The reds and white were treated differently. To make white wine, the grapes were crushed and then pressed immediately to extract just the juice. The pulp and skins were discarded. To make red wine, the grapes were only crushed and the pulp and skins kept with the juice.

At this point, a hydrometer was used to measure the amount of sugar in each batch. As Dickinson explained it, sugar content should be between 22 and 25% to produce 11 to 13% alcohol at the end of fermentation. Below 10% alcohol, the wine will not keep. Above 14%, the yeast may not ferment completely, and the wine will be sweeter. Adjustments can be made by adding sugar water or plain water.

The group also measured their wines for acidity. Too much or too little acid can affect the taste of the final product. The proper amount also helps to prevent spoilage.

Next, wine makers yeast was added to the red juice, pulp and skins (must), and all three parts put together to ferment in large containers covered with cheese cloth. Fermentation of the red must took about five days. During that time, the yeast reacted with the sugar to produce alco-

(Continued on page 2)

Industry/National Labs Interaction



Doug Humphrey

As part of a program to encourage meaningful interactions between national laboratories and the Industrial Research Institute Inc., nine vice presidents of research at major U.S. corporations came here on March 10 and 11 for a briefing on BNL's programs. (Among the speakers were Lab Director George Vineyard and DEE's Associate Chairman, Tom O'Hare, above). After an introductory discussion of the basic and applied research conducted here, the visitors were given a tour of the Inhalation Toxicology Facility, the National Synchrotron Light Source Project, and the Superconducting Transmission Facility. The tour was followed by further discussion on matters that would relate directly to collaborative efforts such as protection of intellectual property, criteria for selection of research projects, and potential benefits that would derive from cooperation between industry and the national laboratories. The IRI representatives planned a similar visit to ORNL later in the week.

Time's Up

Beginning Monday, March 17, Lab Police will only honor 1980 bumper stickers. So get those bumper stickers on.

Wine

(Cont'd)

hol. That was also enough time for the red wines to take on the color of the red skins, which is the reason red wines are fermented with their skins. After the five-day primary fermentation, the red must was pressed and the juice put into five gallon glass containers.

Yeast was also added to the white juice, and the juice put into five gallon glass containers to ferment. Fermentation proceeded more slowly than in the red wines because of restricted access to oxygen and because the white wine was held at a lower temperature. Dickinson said that slower fermentation contributes to the fruity, fresh character of a good

Another difference between making red and white wines was clarified by Warburton. He pointed out that because the process for making white wine eliminates the skins before fermentation, white wines can be made with red skinned grapes.

The second half of this story will appear in next week's Bulletin. Included will be a discussion on aging wines, price and quality comparisons, wine vinegar, and a recipe for dandelion wine.



Madeline Windsor

Tom Dickinson, left, Ernest Warburton and John Millener press red wine after it has fermented. They won't drink it until it has aged a couple of years.

Concert Memo

The instrumental ensemble TASHI will perform at Berkner Hall on Tuesday, March 18 at 8:30 p.m. Their program will include Stravinsky's Concertino for String Quartet, Mozart's Quintet in A for Clarinet and String Quartet, and From Opera No. 2 for Clarinet and String Quartet by McKinley.

Tickets are \$5 general admission, \$3 for students and senior citizens, and \$2 for those under 18.

Reminder

Assignment to and subsequent changes to Distribution Lists I, II, III, IV, and IX must be initiated by the Department or Division concerned by a memorandum to Staff Services. Assignments to all other Standard Distribution Lists are made automatically according to each employee's personnel code. Deletions resulting from terminations are effected automatically.

Quotable Quotes

STEVENSON, Adlai "Man does not live by words alone, despite the fact that sometimes he has to eat them." (Human Behavior 7:69 May 78)

WEST, Mae "He who hesitates is last." (Chicago Tribune 176:2 Section II June 25, 78)

HOLMES, Oliver Wendell "Taxes are the price that society pays for civilization." (Time 112:60 Sept 25, 78)

MURPHY, Thomas Aquinas "There's a desire today for more security and for a risk-free society. But that becomes a choiceless society, not a free society." (Time 111:70 Mar 27, 78)

PROXMIRE, William "If New York has one quality, it is the fantastic brass - that ability to con you into buying the Brooklyn Bridge." (San Francisco Chronicle This World 1978:2 Aug 6, 78)

SEALE, Bobby "Those who know don't talk; and those who talk don't know." (New York Times Magazine 53 Nov 20, 77)

STEVENSON, Adlai "The journey of a thousand leagues begins with a single step. So we must never neglect any work of peace within our reach, however small." (Human Behavior 7:69 May 78)

MOORE, Henry "Stonehenge is not a building, it is a carving." (Quest 2:26 Nov 78)

JACKSON, Jack "No rule is ever so good, or so well written, or covers so many contingencies, that it can't be replaced by another, much better, more appropriate rule (with the exception of this rule)." (Washingtonian 14:26 Dec 78)

ANONYMOUS COROLLARY TO MURPHY'S LAW "If you play with a thing long enough, you will surely break it." (Washingtonian 13:7 Dec 77)

—from the Dictionary of Contemporary Quotations

Tune In!

Presumably BNL should be a leader in the conservation movement and consequently should be involved in extensive recycling of paper products, but I am under the impression that computer paper and cards are the only paper products that are recycled. Why isn't BNL heavily involved in recycling the vast amounts of notebook and typing paper, paper towels, cardboard boxes, and newspapers that are disposed of each day?

The mechanics of setting up bins in all buildings, in which employees could voluntarily place paper products, would not be difficult, so I would like to know what other factors have been important in BNL's conscious or unconscious decision not to do extensive recycling.

Answer:

The Laboratory shares your concerns about conservation and participates in the recycling of a variety of paper products wherever practical.

Supply and Materiel recycles computer cards. The cards are collected (call extension 2301) and later sold in minimum lots of 1000 lbs. Buildings 51, 475, 130, 902A, 703, 555, 911, 463, 197, and 510, among others, participate in this program.

S&M also recycles computer paper. A scrap dealer picks up computer paper from Buildings 460, 510, 515, 459, 211, 555 and 535 on a regular basis. He makes special calls at other locations upon direction of S&M authorized representative.

Graphic Arts recycles all the waste paper from the BNL printing plant and the National Nuclear Data Center. Special pickups are made to Building 197 by a scrap dealer for this purpose.

These recycling efforts have been in

effect since 1973. The Laboratory will continue them because they have proven to be economically feasible. The Laboratory will also increase its efforts to recover additional waste paper. New contracts with better terms and conditions are currently out for bid.

A program to set up bins in all buildings to collect notebook and typing paper, paper towels, cardboard boxes, newspapers, etc. is, however, faced with the following problems which may be unique to the Laboratory:

- The volume generated at a single site or building is relatively small.

- Scrap dealers want to pick up tractor/trailer loads rather than a ton or less.

- The mix of paper products (paper towels, colored newspapers, books, etc.) is low in quality.

- Since pickups of a mix of low quality are relatively small and scattered, prices are \$14 a ton rather than \$70 - \$100 a ton.

At such low prices and volumes, a recycling program to set up bins in all buildings is not economically feasible at the present time.

Until such programs are practical, you should be aware that the Laboratory has and will sponsor recycling efforts by concerned employees. If you are willing to devote your time and effort, you may arrange with your department or division to gather scrap paper from other employees, remove it from the Site and donate it to some charitable organization.

—V.R. O'Leary, Associate Director

On The Air

Andrew Hull, S & EP, was recently interviewed by Channel 2 for a TV program on nuclear power, a year after Three Mile Island. Called Channel To The People, it will be aired on Saturday, March 15 from 6:00-6:30 p.m. and repeated on Sunday, March 16 from 11:00-11:30 a.m.

Clinic Notice

The Industrial Medicine Clinic will be closed for a staff meeting once a month for one hour. This closing will be the last Friday of each month from 11:00 a.m. to noon. The Clinic will be open for emergencies during this time. The first of these meetings will be March 28.

Eagles Eye Science Careers

Each year, the Suffolk County Council, Boy Scouts of America pays tribute to the dedication and hard work of Scouts who have recently received the Eagle rank, the highest achievable rank in Scouting. As part of their recognition, each Scout spends a day with an adult in the Scout's field of vocational interest. This week, six Scouts came to Brookhaven to visit their adult sponsors who work at the Lab.

Bob Brown who has been in Scouting for 41 years, sponsored Scott Dammers, who is interested in mete-

orology.

Jag Dalal and Jerry Haubert discussed their work with computers with Jonathan Maiman, Mike Milo and Paul Scudieri. Ron Trapano also joined this group, although he has not yet decided on a specific career.

Bob Isler and Larry Kukacka shared their knowledge of engineering with Scott Holroyd.

After their day at the Lab, everyone attended a dinner with close to 100 other Eagle Scouts and adult sponsors.



Doug Humphrey

Several BNL employees spent a day this week with Eagle Scouts from the Suffolk County Council, Boy Scouts of America. Standing from left to right are Bob Isler, DEE; Bob Brown, DEE; Scott Dammers, Troop 188; Mike Milo, Troop 78; Jag Dalal, MIS; Scott Holroyd, Troop 117; Larry Kukacka, DEE; Jonathan Maiman, Troop 406; Vincent O'Leary, DO; and Jerry Haubert, ASDP. Kneeling are (left) Ron Trapano, Troop 22, and Paul Scudieri, Troop 188.

BROOKHAVEN BULLETIN

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Women In Science

The Women In Science Association will be meeting on Thursday, March 20, in the Chemistry lunch room, at 5 p.m. A buffet will be available for \$4.00 per person. All members and nonmembers are invited to attend. Please send a check or money order for the dinner to Eena-Mai Franz, Bldg. 555A, Chemistry Department, no later than March 18.

Mary Winkels, Director of the Research Library, will be the invited speaker. W.I.S. is looking forward to an evening of scintillating conversation and good food. Please join us and bring a friend.

On Stage

The BERA Theater Group presents "You're A Good Man Charlie Brown" tonight and tomorrow at 8:00 p.m. in Berkner Hall. Tickets are \$3 for adults, \$2 for Senior citizens and students under 18, and \$1 for children under 12.

Arrivals & Departures

Arrivals

Bing C. Chan.....Nuclear Energy
Glaister P. Fraser.....Central Shops
Moisei Gitberg.....Physics
Victor E. Scotto.....Accelerator

Departures

Emmett C. Soffey.....Energy & Env.

Soccer

The annual meeting of the soccer club will be held on Friday, March 21, at 12:00 noon, in Room C, Berkner Hall. All members are encouraged to attend.

Stony Brook Events

Theater - Israel Horvitz' "Line," "The 75th" and "Hopscotch," March 19-23, 8 p.m., Theatre III, Fine Arts Center. Donations. Information: 246-7949.

Theater - "Waiting for the Feeling," March 19-22, 8 p.m., Theatre I, Fine Arts Center. Donations. Information: 246-7949.

Speaker - Earth & Space Sciences Prof. Johannes Hardorp, "Starspots," March 21, 7:30 p.m., 001 Earth & Space Sciences. Telescope viewing to follow, weather permitting. Information: 246-8373.

Recital - "An Evening with John Cage and His Music," March 21, 8 p.m., Recital Hall, Fine Arts Center.

Concert - London's Philip Jones Brass Ensemble, March 22, 8 p.m., Main Auditorium, Fine Arts Center. \$11, \$9, \$7. Information: 246-5678.

Recital - Chamber Music Recital, March 24, 8 p.m., Recital Hall, Fine Arts Center. Information: 246-5672.

Theater - "Uncommon Women," March 26-29, 8 p.m., Theatre I, Fine Arts Center. Donations. Information: 246-5678.

Theater - "An Evening with Odysseus," March 28 & 29, 8 p.m., Main Auditorium, Fine Arts Center. Richard Dyer-Bennett performs selections from the Robert Fitzgerald translation of "The Odyssey," and a new one-act opera, Sheila Silver's "Canto," premieres in New York area. Ticket information: 246-5678.

Circus Tickets

The circus is truly a harbinger of spring! BERA, through its affiliation with the Long Island Industrial Association, is giving on site employees an opportunity of getting into the swing of the season by selling tickets at discount cost to the famous Hanneford Circus.

This major three-ring circus, one of the country's largest, will be presented in the Nold Field House at the State University in Farmingdale. Tickets may be purchased at the BERA Sales Office for \$2.00 each (regular price \$3.00), and are available for two performances on Saturday, April 26, at 3:00 and 8:00 p.m., and also on Sunday, April 27, at 2:00 p.m.

There are only 50 tickets for each performance and the sale will end on Monday, March 31. Don't delay - hurry on down and get yours now!

The Sales Office is open Monday through Friday from 9:00 a.m. to 1:00 p.m.

Swim Classes

Swimming lessons for on site employees and their adult dependents (18 years and over) will begin on Wednesday, March 26 at 5:15 p.m. The course will consist of one lesson per week for ten consecutive Wednesdays. Classes will be divided into two groups; one for non-swimmers, and one for those who would like to improve their swimming techniques.

Anyone interested may enroll at the pool during open hours prior to March 26. A \$15.00 fee will be due the night of the first class.

Volleyball

Mixed League Standings 3/3/80

A: No Names	9-0
Nuts & Bolts	8-1
High Society	4-5
Deegenerates	3-6
Family Affair	3-6
Thrints	0-9
B: Diamonds	6-3
Nads	6-3
Leftovers	5-4
Le Muf	5-4
Monday Night Live	4-5
Underalls	1-8

Open League Standings 3/5/80

A: Bumps	6-3
Toga	5-4
Spikers	5-4
Moles	2-7
B: Eddie and the Phoubars	7-2
Monday Terrors	5-4
Over the Hill Gang	5-4
Player's Pool	1-8

Bowling

Blue & Gold League

A major upset on Position Night with the Athol Regulars jumping into first place. Gary Perri bowled games of 224/281, Larry Musso had a 200, Walt Milian 530 scratch, Dru Hanrahan 162, and Ellie Murgatroyd 155.

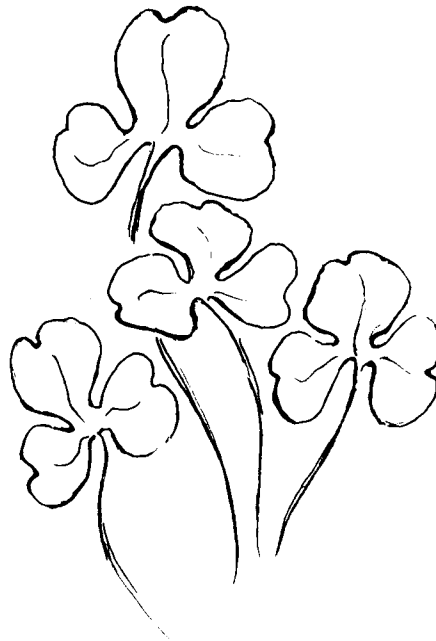
Green League

The Old Timers II took 11 from the Blue Jays with G. Fales bowling a 201. The Pinball Wizards moved into second as they took 6½ from the Sparks. R. Eggert had a 205 and M. Israel 216. The Phoubars took 8 from the Trouble Shooters. For the losers, S. Carrier had a 206. The Light Source lost 11 to the Strangers.

Pink League

Great bowling by Marie Grahn 200/161/517, Helen Keeley 190/170/524, Mary-Grace Meier 438 scratch and April Donegain 388 scratch to give the Lickety Splits the new high scratch team series of 1867. Other good games were bowled by Ellie Kristiansen 183, Marge Stoeckel 177, Carol Beckner 173, Millie Connelly 169, Pat Jencius 168, Ellie Adams 165, Deb John-

Happy St. Patrick's Day



-Liz Seubert

Classified Advertisements

Placement Notices

The Laboratory's placement policy is to select the best-qualified candidate for an available position, with consideration given to candidates in the following order of priority: (1) present employees within the department, with preference to those within the immediate work group; (2) present employees within the Laboratory as a whole; and (3) outside applicants.

The determination of the best-qualified candidate for available positions will be based upon education, experience and other job-related criteria. Such factors will be evaluated and measured against the demonstrable requirements of the available vacancy, as well as the Laboratory's Affirmative Action objectives.

The Laboratory is committed to a policy of Equal Opportunity in its selection and placement of personnel. Its objective is equality of opportunity in employment, training, and promotion without regard to race, color, religion, national origin, sex, age or handicap.

Each week, the Personnel Office lists new personnel placement requisitions. The purpose of these listings is, first, to provide open placement information on all nonscientific staff positions; second, to give employees an opportunity to request consideration for themselves through Personnel; and, finally, for general recruiting purposes. Because of the priority preference policy stated above, each listing does not necessarily represent an opportunity for all candidates. As a guide to readers, the listings are grouped according to the anticipated area of recruitment, as indicated below. Except when operational needs require otherwise, positions will remain open for one week following publication date.

For further information regarding a placement listing, contact the Personnel Placement Supervisor, Ext. 2882.

POSITIONS OPEN: Scientific. The following staff positions are open. Candidates may apply directly to the department representative named, or through the Office of Scientific Personnel, Ext. 3338.

POSTDOCTORAL RESEARCH ASSOCIATE - Basic nuclear chemistry; design, development and production of short-lived radionuclides of biological and medical interest. Contact: C. Redvanly, Chemistry Department.

POSTDOCTORAL RESEARCH ASSOCIATE - Basic research in the mechanism of synthesis gas reactions. Contact: R. S. Sapienza, Department of Energy and Environment.

STAFF SCIENTIST - Mechanism studies and catalyst property and characterization studies in both homogeneous and heterogeneous reactions. Ph.D. in Chemistry/Chemical Engineering. Contact: C.H. Waide, Department of Energy and Environment.

POSTDOCTORAL RESEARCH ASSOCIATE - Theoretical Chemistry. Familiarity with quantum chemical formalisms and experience in computational quantum chemistry is required. Contact: M. D. Newton, Chemistry Department.

OPEN RECRUITMENT: Opportunity for present Laboratory employees and outside applicants.

1286. TECHNICAL POSITION (two) - Requires AAS degree or equivalent in mechanical or electrical technology. Will participate in the construction of electrostatic septa, proton beam targets and diagnostic equipment. Familiarity with vacuum techniques and HVAC desirable, but not essential. Accelerator Department.

1287. TECHNICAL POSITION - Requires AAS or equivalent in electromechanical or nuclear technology. Work experience with process/electronic instrumentation in an industrial or reactor environment is highly desirable. Will work with the Reactor Instrument Group in performing maintenance and repair tasks on all areas of instrumentation involved in the operation of HFBR. Reactor Division.

1288. MEDICAL ASSOCIATE (full-time, six month position) - Requires BS or equivalent in biology, organic chemistry or biochemistry. Ability to handle small animals, perform standard laboratory procedures, and accurately record experimental data is essential. Will function as research assistant for scientific team studying tumor uptake of radiopharmaceuticals. Re-posting of job No. 1285. Medical Department.

Autos & Auto Supplies

(4) PONTIAC RIMS - chrome inverted w/spinner lugs. \$50. Ron, Ext. 3499, 928-5883.

71 DODGE PICKUP - 47,000 mi, 6 cyl, excel running cond, good gas mi. \$950. 475-2075.

75 FORD F-250 - V8, roll bar, brush guard, flares, tinted glass, gripper tires. \$4500. Mike, 289-3472.

FIBERGLASS FAIRING - for motorcycle, no windshield, excel cond. Rick, Ext. 4100, 589-8691.

75 PLYMOUTH WINDOW VAN - 6 cyl, a/t, good cond. \$1500. 265-6238 eves.

75 HONDA MOTORCYCLE - 175cc, 9000 mi, excel mech cond. \$395. Bill, Ext. 3397, 281-0557.

HANDYMAN'S SPECIAL - 67 Chevy wgn, good eng. \$200. Ext. 7672.

72 CHEVELLE - 2 dr, 60,000 mi, 4 spd, good cond. \$1895. Ray, Ext. 4479.

69 BUICK WILDCAT - V8, 1-family car, runs well, cheap. \$250. Ext. 4452, 289-1705.

78 CHEVY NOVA - 6 cyl, a/t, ps/pb, a/c, mint cond, 23,000 mi. Asking \$4500. JU8-1713.

son 160 and Maria Apelskog 145.

Red League

The Strangers won 11-0 over the Light Source. J. Walker grossed 605, T. Romano 602. The Designers won 7-4 over the 76'ers. A. Pinelli (234) grossed 676, M. McKenna (244) 669 gross, E. Sperry (217) 665 gross. This Isa Team won 7-4 over the Old Timers. E. Sperry IV (223) grossed 665, L. Musso (223) 641 gross, M. Iarocci (212) 615 gross, R. Smol 621 gross. The Freon Loaders won 8-3 over the Sandbaggers. V. Bilms grossed 609 and A. Dick 602.

Purple & White League

Nate Carter rolled high game and series with 7 strikes in a row to finish with a 257/584 series. Ed Meier had games of 223/188/169 for a 580 series. Gerrie Riker had a 216 and Helen Keeley converted the 6-7 split. Other good games were bowled by Jim Griffin 221, Dave Penoyer 206, Bob Jones 201, Gail Schuman 201, Mary Grace Meier 193, Jeanne Penoyer 184, Kathy Griffin 183, Nancy Erikson 180/177.

Representing BNL in the L.I. Industrial Bowling Tournament at the Mid Isle Lanes in Hempstead are Dick Larsen, Walt Reams (who bowled a 232/566 scratch), Ed Meier, Jim Morris, Bob Barberich.

Autos & Auto Supplies

1962 WILLY STA WGN - new motor, suspension, body, interior good. \$750. 585-8809 eves.

76 BUICK CENTURY - 4 dr sedan, ps/pb, AM/FM, excel cond, orig owner. \$1900. Mike, Ext. 4428.

77 MONTE CARLO - only 22,000 mi, ps/pb, a/c, white/red. \$4000. 463-5353.

75 HONDA SUPERSPORT - 400cc, 4 cyl, limited edition, excel cond. \$900. 286-9066 after 7.

76 OLDS OMEGA - a/t, ps/pb, new tires & brakes, clean. \$1995. Ed, Ext. 7943, 589-3992.

77 CHEVY PICKUP - Silverado ¾ 4x4 camper sp, a/t, all pwr, cruise, tilt wheel, dual exhaust, 10" 16x5 all terrain, set of 12-16-5 tires, 22,000 mi, many extras, excel cond. 878-0516.

73 DODGE VAN - 318 auto, all windows, no rust, stock inside & out, excel cond. \$2300. Joe, Ext. 7961, 727-7626.

74 FORD - Gran Torino Brougham, p/s, a/c, a/t, AM/FM stereo, extras, \$1500; 73 Mustang Mach 1 a/t, ps/pb, a/c, 302 c.i., \$2300. Ext. 2546, 744-4047.

69 BUICK ELECTRA - good local transp, needs front end work or parts. \$175. Eileen, Ext. 3217.

72 FORD TORINO - very good mech cond. Jean Paul, Ext. 2364 or 3016 after 7.

68 AMERICAN MOTORS REBEL - needs work. \$150 or best offer. Ext. 7755, 744-2558.

78 DODGE VAN - 6 cyl, a/t, p/s, insulated, carpeted, radials, 15,000 mi, orig owner. \$5300. Rich, Ext. 4437.

77 KZ-400 - crash & sissy bars, luggage rack, blue, 2 helmets, very well maintained. \$1250. Bill, Ext. 7611.

72 PLYMOUTH STA WGN - a/t, ps/pb, a/c, w/new tires & trans, good running cond. Asking \$950. Don, Ext. 7611.

CAMPER WINDOW - for 72-74 Chevy Pickup. \$25. 363-6845.

70 PONTIAC BONNEVILLE - chrome slots, AM/FM stereo, body fair, needs batt. \$250. Ext. 4297, 758-9048 after 6.

(2) VW WHEELS - \$7. 727-5912.

75 IMPALA STA WGN - very good cond. \$1500. Alex, Ext. 3134/2432.

78 HORIZON - 4 dr, std, hatchback, top cond. \$4000. L. Green, Ext. 2944, 473-2764.

72 LTD - rear end collision, motor excel, mobile, \$275; (4) G78-15 (2 snow, 2 reg), new - less than 30 mi, \$100. 744-3736 after 6.

66 CHEVELLE - 396, 4 spd, 30,000 mi on rebuilt eng, needs clutch. Asking \$700. T. Aggus, Ext. 3399.

68 MERCURY COMET - V8, ps/pb, r/h, a/t, good for 2nd car, motor good, inside clean. 744-2332.

71 BUICK SKYLARK - 2 dr hdtp, p/s, a/t. \$250. Ext. 2602.

72 TORINO WGN - std trans, good cond, 91,000 mi. \$350. Ext. 4164, 698-4558.

Boats & Marine Supplies

1960 TOBINCRAFT - 24' lap/strk skiff, needs some work, must sell, reasonable. 878-9098 after 5.

28' PACEMAKER - Sport Fisherman, F/B, DF, out-riggers, good cond, in water, ready to go. Dick, 363-8981.

18' GARVEY - glass over oak, 115hp Evinrude, must be seen. Bob, Ext. 3309.

20' 1978 O'DAY SAILBOAT - cruiser, sleeps 4, 3 sails, fully equipped, extras. \$6499. 289-0925.

Miscellaneous

S/S WINDOWS - alum, (2) 36" W x 47½" H, (1) 40" W x 39½" H, (1) 24" W x 39½" H. \$10 ea. Ext. 2497, 281-2767 eves.

SLIDE RULES - (2) 12" professional, in leather cases, 1 brand new. \$10 & \$5. Ext. 4701, 271-2877.

NEW RUG - celery, w/pad, orig cost \$20.87/sq yd, 92 sq yds, part or al. Make offer. Dave 924-3412.

3 PC SUIT - navy, men's sm, like new. Orig \$80, asking \$35. Ernie, Ext. 3357.

JUICER - Majestic veg/fruit, \$90; wig, blond frosted/perm w/stand, \$20; both never used. Ext. 2065, 981-1327.

VINYL RECLINER CHAIR - perf, \$30; torque wrench, 100 ft/lbs, \$5; dual action sander, like new, \$15. Jack, Ext. 4087.

CO2 PELLET GUN - Crossman Mod 38C, 38 style "6 shooter" in excel cond. Sacrifice, \$30. Bob, Ext. 4551.

HELMET - Bell Star 2, full face, white, 2 mos old, \$80. Mike, Ext. 2903.

12 GAUGE RELOADER - Lee Load-All, used 5 mos. \$15. Neal, Ext. 4019.

CHAIN SAW - heavy duty, Remington PL-4, 2x17" bars, 3 chains. \$75. 473-6570 after 6.

NIKON LENS - 50mm f3.5 marco w/M-2, \$130; Soligor 200mm f3.5, \$90; 135mm f2.8, \$80; all perfect. Phil, Ext. 7934.

ELEC RAZOR - Lady Schick, nearly new, \$8; Kodak "Hawkeye" camera, \$3. Pete, Ext. 4324.

WOOD HOLDER - blk, sm, holds approx 6 logs, sits next to fireplace. \$9. Ext. 3431, 744-9677.

ELEC EDGER - hand edger, hedge trimmer, drafting machine, fish tank - 10 gal, latex paints. Larry, Ext. 3397, 928-0969.

OSTER ANIMAL CLIPPERS - like new, orig \$40. \$15. Dot, Ext. 4606.

GE CLOTHES DRYER - \$25; cm desk, \$40; cabinet, \$25. Ext. 7772.

OIL BURNER STACK RELAY - John, Ext. 4976, 744-4386.

LAWNMOWER - 24" rotary, self-propelled, 4 hp, excel cond. John, Ext. 7995, 473-7030.

PHONO CARTRIDGE - Ortofon magnetic cart mounted in AR headshell, almost new. \$25 w/headshell, \$20 w/o headshell. 732-5829.

SEWING MACHINE - Singer, w/cabinet, zig-zag, \$325 new, asking \$120; 1977 Shasta travel trailer, 20.5', fully self-cont, sleeps 6, full tub in bath, excel, \$4300. 281-0804 eves.

BOW - primitive Amazon Indian, 4 arrows & quiver, ideal for you den. \$40. Stan, Ext. 3284, 286-1062.

BIKE - 10 spd, needs new cables, good shape, \$20; mod walnut D/R set, china closet, buffet table & 4 chairs, \$250. Bob, Ext. 2964.

KITCHEN RANGE - oil burners/elec, white, as is, \$100; Lazy-Boy recliner, new uphols, \$150. 325-1961.

STOVE - airtight, "Gibraltar III," almost new, cost \$500. Now cash & carry \$350 588-0805.

PAUL TAYLOR DANCE - 2 tickets for March 15 Stony Brook performance for sale. Jim, Ext. 3501, 928-6491. 18" B/W TV - \$40. Ed, Ext. 7949.

19" ZENITH B/W TV - elec clock; bicycles; hair dryer, etc. Ext. 3009.

UPRIGHT PIANO - Wurlitzer, 1 yr old, \$800; metal office desk, 2½'x5' w/chair, \$65. 286-3565.

SNOWMOBILE SUITS - up to 5'2", \$20 & \$15; dbl bike baskets, \$30. 289-1754.

KITCHEN SET - table & 2 benches, thick hardwood, needs refinishing. \$125. 281-0360.

SCOTTY TRAILER - self-cont, AC/DC, heater, a/c, awning, good cond. Pete, Ext. 4574, 878-1225.

FREE TO GOOD HOME - Siberian Husky mix puppies, 8 wks old, male/female. 751-7140.

WOODBURNING STOVE - new Fisher Mama Bear, airtight, custom. \$375. Larry, Ext. 4445.

GE TOAST-R-OVEN - new; heater; iron; AM/FM transistor; pocket transistor; hamburger maker. Ext. 3027.

\$5100 TUBES/CADDY - \$1500; Daven resistance boxes (6), \$30; digital tachometer, \$35. Steve, Ext. 4613.

FISH TANK - all access, \$65; pin ball machine, \$22; ottoman/cherry tree combo, make offer. 281-1599.

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

MASTIC BEACH - 3 bedrm ranch, corner lot, roofed patio, pleasant loc near water. Low 30's 281-7531.

SHOREHAM - prime loc N of 25A, 4 bedrm ranch, DR/LR w/fp, country kit, den, ent hall, 2 baths, lg deck, 5 appl, 2-car gar, ½ acre, beach rts, must sell. \$59,900. Ext. 3462, 744-8449.

PORT JEFFERSON - Harbor Hills, 3-4 bedrm ranch, possible mother/daughter, treed ½ + acre, fp, dead end street. Reduced to \$69,000. Ext. 4504, 473-1523, 928-0483.

SHOREHAM - colonial, 4 bedrms, 2-½ baths, fam rm w/fp, L/R, D/R, eik, laundry rm, hardwood floor, full bsmt, 2-car gar, appl, close to school, quiet court, assumable 7-½% mtg. Ext. 2399, 821-9365.

BELLPORT - south, prime loc, old-fashioned charm, 9-rm, 2-story colonial, oak & tile fp, D/R, duplex den, 4-5 bedrms, 3 baths, 2-car gar, gas heat, .6 acre. \$55,000. Anne, Ext. 3404, 286-3764.

MT. SINAI - 3 bedrm ranch, cath ceiling L/R w/fp, w/w, 5 appl, 2 baths, gar, avail immed. \$39,000. Bill, Ext. 3369, 929-6442.

MEDFORD - close to LIE, mother/daughter, all newly remodeled on ¾ acre incl buildable lot, upstairs 3 bedrms, DR/LR w/fp & w/w downstairs, eik, 1 bedrm, L/R, sep elec & heat. \$53,000. 475-2759 after 5.

LAND - fully wooded, over 100' x 400', located minutes from Lab, quiet custom built homes, locale ideal for horse lovers. 924-3236.

BELLPORT VILLAGE - 3 bedrms, lg eik, att gar, all appl, patio, stockade fenced rear yard. \$37,000. 286-0795.

E. PATCHOGUE - brick ranch, 3 bedrms, ½ fin bsmt, 0.3 acre, well landscaped. Ext. 3086, 286-8370 after 6.

SHOREHAM - 4 bedrms, LR/DR, eik, 2 baths, all gas, ½ acre, stockade fenced backyard, S/WR sch dist, 10% assumable mtg. \$43,000. Ext. 4391, 744-2444.

BROOKHAVEN HAMLET - 3 bedrm ranch on ½ acre, bsmt, a/c, w/w, landscaped. 286-3934.

BELLPORT SOUTH - walk to beach, golf, tennis & shops, beautifully planted 1 acre, garden, fruit trees, play house, excel cond, 4 bedrms, 1-½ baths, gas heat, city water. 286-2320.

ROCKY POINT - 75 x 200, 9 mi to Lab, 6 rms, bath, abv-ground pool, gar, awning, alum siding, s/s, dishwasher, washer/dryer, oil baseboard heat, fully insulated. Low 30's. 744-2332.

MASTIC BEACH - 4 bedrms, form D/R, L/R w/Franklin, encl porch, near stores, water & schools, 100 x 160 prop, \$1000 taxes, Farmers 8% mtg. Ext. 3284, 281-0360.

BELLPORT VILLAGE - 3 bedrm high ranch, L/R, F/R, den, lg eik, deck, 1-½ baths. \$42,000. Ext. 3502, 286-8166 after 5 & weekends.

For Rent

SPEND EASTER IN THE POCONO'S - chalet sleeps 6, fp, avail by wk or weekend. Ext. 4551, 289-2159.

BELLPORT - 2 bedrm house, L/R, screened porch, bsmt, att gar. \$275 +. Ext. 3069, 286-1974.

MANORVILLE - 1 bedrm apt. w/view, a/c, dishwasher, fp, 2 yr lease. \$330/mo + security w/club membership free. Pat, Ext. 2360, 878-8935.

SHIRLEY - furn apt, prvt, all util, working gentleman, 5 min to Lab. Security, \$255/mo. 281-8044.

RIDGE - 3 bedrm L-shaped ranch, lg L/R, eik, full bsmt, 5 min from Lab, will rent for 6 mos, immed occupancy. \$400/mo + util. 981-5993.

RONKONKOMA - 2 bedrm ranch, lg eik, DR/LR, Florida rm, w/stove, w/w carpet, \$325/mo + util. month-month lease, B. DiLello, Ext. 2964, 588-1464.

Wanted

ROTOTILLING - someone w/tractor or rototiller to turn over ½ acre at reasonable price. Dick, Ext. 2911.

POOL TABLE - regulation size w/access. Ext. 4630, 751-2117.

OLD BARN OR SHEDS - to make new barn, will remove. John, Ext. 3675, 924-3528.

1 BEDRM APT - Ronkonkoma-Selden-Farmingville-Holtsville, 4/15-5/15 occup. \$250-300 w/util max. Ext. 2905, 581-9326.

WOOD STOVE - inexpensive type, for hookup to fp. Ext. 4008, 821-0686.

HOUSE SITTING - or reasonable apt, married couple home from grad school June, July, Aug. Ext. 2423.

GOLD & SILVER COINS - stamp collections, for collector. Russ, 475-4930 after 5:30.

BABYSITTER - 3 days/wk, 2 yr old, 8:30-5:30, some housekeeping, references, own transp, Shoreham. 821-0890 after 6.

OFFICE CHAIR - oak or mahog, w/arms, swivel, tilt & wheels. Mike, Ext. 2364.

SQUAT RACK - for exercise; Lacrosse helmet, gloves, & chest protector. Betty, Ext. 2937.

LADIES ROLLER RINK SKATES - leather shoe, size 9, reasonable. Cathy, Ext. 4093.

HOUSE - mother/daughter, 3 bedrm main house, apt att or sep. 286-8166 after 5 & weekends.

ON-SITE BABY SITTER - for infant, M-F, 8:30 to 5:00. Non-smoker, please. M. Rowe, Ext. 2345, 878-9384, evenings.

Car Pools

SOUND BEACH AREA - 2-person car pool. Ann, Ext. 4959.

STONY BROOK/STRATHMORE - looking to form car pool. Bob, Ext. 3430.

Lost & Found

LOST - clam rake, 3/11 between 5:00-5:30 p.m. Fell off truck. Ext. 4514.

Services

AUTO REFINISHING - all areas of body work performed, discount rates for sm car refinishing. Ext. 2546, 744-4047.

FIREWOOD - seasoned oak, split logs, 4'Hx8'Lx 16'18". \$50. 924-3236.

ROTOTILLING - Spring special, 900 sq ft for \$15 March 15 thru Apr 15. Call for appt, 928-5684.

LEARN CHINESE - from Berlitz teacher, prvt or group lessons. Ext. 4157.

TIRES - new, used, rims, repairs, Gillette, BF Goodrich, mag wheel service. F. Usack, Ext. 4798 lunch-time.

EXPERT TUTORING - by certified teacher in my home, all elem subjects, HS math, French, German. \$10/hr. 941-4328.

BABYSITTING - teenage girl, experienced babysitter, Patchogue area. Lisa, 654-1731.

TAXES - prepared by tax consultant, your home or mine, reasonable. John, 732-2472.

TAXES - professional income tax service by experienced preparer. Jack, Ext. 7942, 864-2236.

CONSUMERS REPORT GROUP - has openings for new members. Discount rate \$8.75. A. Daly, Ext. 2902.

BABYSITTING - reliable teenager, eves & weekends. 929-4068.

FOR ADOPTION - Irish Setter, good family dog, male, 1-½ yrs, not hyperactive. 744-5811 after 4.

ASPHALT PAVING & SEALING - Bob, 475-4382.

FIREWOOD - all hardwood, cut/split, immed delivery \$100/¾ cord, \$139/full cord. Ken, 924-3756.

BABYSITTING - Fun City, USA, \$5/day weekly & hourly rates, meal incl. Lynn, 475-6326; Jean, 654-9446.

ON-SITE BABYSITTING - day or night, reasonable rates. Ext. 3008.

JEWELRY REPAIRS - gold & silver jewelry repaired & polished. Dan, Ext. 3289.

MOTORCYCLE REPAIR & ACCESS - expert work done, access for street & dirt. Ext. 2311.

Classified Ad Policy

Deadline is 4:30 p.m. Friday for publication Friday of the next week.

- The Brookhaven Bulletin's classified section may be used only by active and retired Laboratory employees.
- All items for sale or rent must be the advertiser's property.
- Ads for material acquired for resale in association with a full or part-time business cannot be accepted.
- Firearms offered for sale or trade may not be brought on site.
- Ads not carried because of space restrictions will be held for publication in the next issue.
- Ads are run only once and must be resubmitted if they are to be repeated.
- Property for sale or rent cannot be accepted on this form. Special Real Estate Ad forms are available at the office of the Brookhaven Bulletin, 40 Brookhaven Avenue.

For Sale: Autos & Auto Supplies For Sale: Miscellaneous Lost & Found
 For Sale: Boats & Marine Supplies Car Pools Services Wanted

Please print your ad below in 15 words or less using one word per block. Include name and phone number to call.

Note: The following must be completed for your ad to appear.

NAME (Please Print).....

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

Send to: Brookhaven Bulletin, Building 460, 40 Brookhaven Avenue (Ext. 2345).