



# BROOKHAVEN BULLETIN

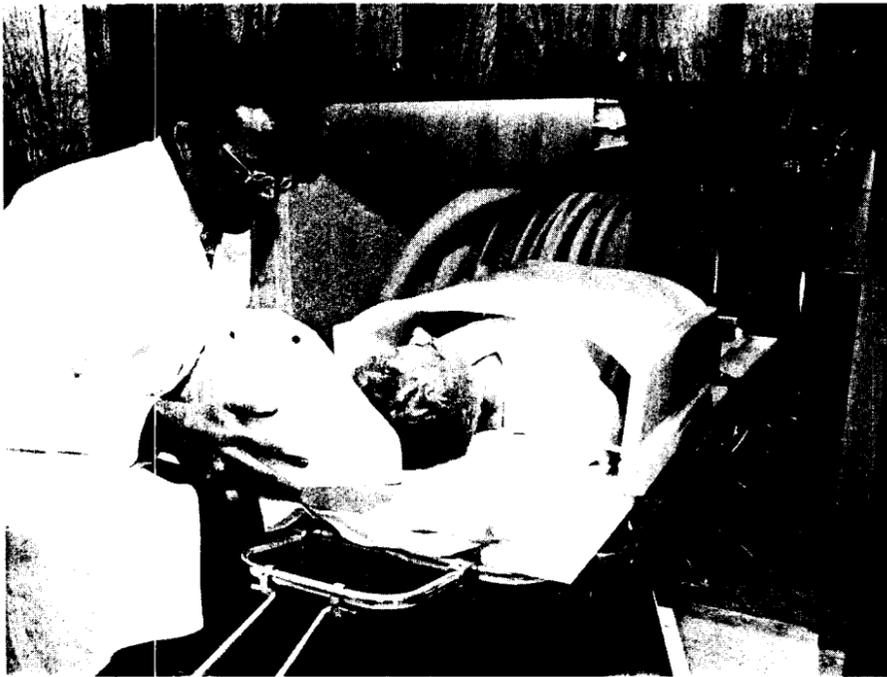
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December 14, 1973

## Osteoporosis Research



Ken Ellis, Medical Research Associate, makes patient comfortable before neutron activation of the natural calcium in the patient's body. This painless procedure is followed by scanning with the whole body counter before a treatment program is started.

## BNL Expands Clinical Osteoporosis Program

Osteoporosis, a crippling disease that begins by depriving the skeleton of its natural calcium, currently afflicts, in varying degrees, about 25 percent of post-menopausal women. Osteoporosis is difficult to detect early because of its slow development; often by the time clinical symptoms appear, bones have lost their structural strength. This can result in spontaneous fractures of the vertebral column (the backbone) and treatment of these compression fractures is often complicated and requires a long time for healing.

Knowledge about osteoporosis, its early detection, the development and evaluation of treatment has been substantially increased in recent years as a result of studies at BNL's Medical Research Center in a collaborative program with the Nassau County Medical Center. This progress is due in large part to a combination of unique facilities at Brookhaven and the ingenuity of the researchers. Because of the success so far achieved, the doctors at BNL are embarking on an expanded clinical program which will include additional outpatients. In addition, they are interested in studying the normal population of women 45-55 years of age in an effort to verify a new procedure designed to detect latent osteoporosis before it becomes clinically evident.

Osteoporosis research at BNL centers around whole body neutron activation analysis and whole body counting techniques. During activation, the natural calcium in the skeleton is made slightly radioactive by exposure to moderated neutrons. The total radiation dose is quite small, and is on the order of that received in many routine diagnostic X-ray examinations. Because of the short half-life of the radioactive calcium, the patient is quickly transferred to the whole body counter, where 54 sensitive radiation detectors "read" the patient's calcium content and distribution throughout the skeleton, and feed the information to an "on-line" computer. The activated calcium

(Continued on page 2)

## December Leave Reports

Due to the curtailed number of work days (due to holidays) for the computation and delivery of weekly and monthly pay checks, the following schedule **must** be adhered to, according to Olga Vario, Payroll Supervisor.

**Regular weekly time cards** for the week ending Dec. 16th must be received in Payroll on Friday, December 14th. Shift and overtime cards **must** be in Payroll no later than 10:00 a.m. on Monday, December 17th. Checks will be distributed on Thursday, December 20th.

**All monthly non-exempt time cards** must be received in Payroll by 10:00 a.m. on Monday, December 17th. The reporting period indicated on the card is from November 26th through December 23rd. All regular time and anticipated leave should be indicated on the card through December 23rd. Any overtime or non-scheduled shift worked for the period December 17 to 23, will subsequently be adjusted upon receipt of department memos. Should such overtime be excessive, please call Payroll for special consideration.

**All monthly leave reports must** be received in Payroll no later than 3 p.m. on Monday, December 17th. All planned leave for the period through December 25th should be entered. Subsequent adjustments will be made upon receipt of memos indicating such adjustment. Monthly pay checks will be distributed on Friday, December 28th.

**Regular weekly time cards** for the period ending December 23 **must** be received in Payroll **no later than** 4 p.m. on Thursday, December 20th. Please anticipate all leave through Sunday, December 23rd. The balance of shift and week-end overtime cards **must** be in Payroll by 10:00 a.m. on December 26th. Pay checks will be distributed on Friday, December 28th.

**All weekly time cards** for the week ending December 30th **must** be in Payroll no later than 10:00 a.m. on Wednesday, January 2, 1974. Pay checks will be distributed on Friday, January 4th.

## Reduced Services Are Listed For Coming Holiday Period

As part of Brookhaven Lab's continuing efforts to conserve fuel during the present energy crisis, employees were polled as to their vacation plans over the coming holiday period as detailed in past *Bulletin* articles.

As a result of this poll, plans have been made to consolidate employees in certain areas; and completely close remaining areas.

Operating modes in Scientific Departments for the holiday period are being distributed within each organization. The Central Scientific Computing Facility will maintain normal operations procedures.

In the Services and Supporting Divisions, the following levels of operation will be maintained during the period from December 21 to January 2.

**Central Shops - Closed:** Radioactive Machine Shop (530); Welding Shop (208); Sheetmetal Shop (207); One large machine shop.

**Open:** Metals Warehouse (206) (Materials cutting); One large machine shop. Division Office.

Requests for shops fabrication and repairs, including machine tool servicing and inspection, should be made through Division Office, Ext. 3350, 3351, 3352, 3356.

**Fiscal -** Payroll and Accounts Payable open except 12/31. General Accounting open only 12/27 and 12/28. Administration open only 12/21. Cashier open.

**Health Physics, Safety, Plant Protection -** Bldg. 535, to the extent possible, will be closed.

Emergency Health Physics and/or Safety coverage may be obtained through the AGS-Health Physics office or, if no answer, through Police Headquarters.

Fire Group - On duty.

Police Group - On duty.

**Industrial Medicine -** Reduced operations - routine physical exams will not be scheduled.

**Instrumentation -** Bldg. 535, to the extent possible, will be closed.

**Personnel -** Closed, for information call: Willie Drinks, Ext. 2886; J. Washburne, 589-3608; P. Paige, 286-0284.

**Photography & Graphic Arts -** Graphic Arts service in Bldg. 197 will continue at a reduced level.

Photography and film processing will be provided only on an emergency call-in basis. Telephone number of responsible supervisor will be posted on the closed buildings.

**Plant Engineering -** Normal operations.

**Purchasing -** Closed - See your Department or Division Administrator for emergency service.

**Reactor -** HFBR will be down.

**Staff Services -** Normal operations. Cafeteria normal schedule.

**Technical Information -** Research Library, evening mode of operation.

### Miscellaneous Activities on Site

**Bank -** Normal operations.

**Citgo (gas station) -** Normal operations.

### Administration Bldg. (460)

Director's Staff - Reduced operation.

Office of Scientific Personnel and the Budget Office will be closed.

## Safety Shoes and Glasses

Safety Shoes and Safety Glasses will not be issued on the following days:

Wednesday - December 26  
Thursday - December 27  
Monday - December 31

### Bank Notice

The on-site branch of the Bankers Trust of Suffolk will be open on Friday, December 21, from 8 a.m. to 12:30 p.m. to accommodate weekly employees. On Monday, December 24, the bank will be open as usual from 10 a.m. to 3 p.m.

## Special Notice to Holders of Merchandise Award Certificates

The BERA Awards Committee will revalidate all merchandise certificates issued during the calendar year 1971.

All certificates issued during 1971 were valid for three years and must be revalidated in order for the holder to redeem them in the future.

Revalidation of certificates will take place at the Recreation Office of the Personnel Building between the hours of 11:30 a.m. and 1:00 p.m. on January 9, 16, 23 and 30.

People who also hold other certificates may have validation dates extended for an additional three year period when they bring in their 1971 certificates.

## Energy Seminars On Solar Energy & Coal

The next lecture in the series of Brookhaven Energy Seminars will be given by Lloyd Herwig of the National Science Foundation. The lecture will be on the subject of solar energy and will be held in Berkner Hall at 2:00 p.m. Wednesday, December 19. Dr. Herwig will survey the field of solar energy emphasizing major current research and development challenges.

On Monday, January 7, G. Alex Mills, Chief of the Division of Coal of the Interior Department's Bureau of Mines will talk on "Synthetic Fuels from Coal." As outlined in Alvin Weinberg's initial lecture in the series, the nation's extensive coal resources will be called on to play a central role in the development of the energy system in the next few decades. Dr. Mills' talk will focus on the research and development necessary to assure the capability of converting coal into clean gas and liquid fuels. The talk will be given at 11:00 a.m. on January 7 in Berkner Hall.

## Osteoporosis Research (Cont'd)

quickly reverts to a stable form and there is no residual radiation.

After a patient's natural calcium quantity and distribution is initially established, a treatment program is started. Periodically thereafter, the patient is again activated and counted which provides the doctors with an evaluation of treatment effectiveness.

The treatment program at BNL utilizes drugs that both inhibit further loss of calcium as well as replace what has already been lost. They include sodium fluoride, estrogens, anabolic steroid, and calcitonin. All of these agents act to inhibit the loss of calcium from the skeleton or to replace calcium already lost. Many of these drugs are unavailable in a pharmacy even with a prescription, and can be used in clinical research only with approval of the FDA, in research centers such as Brookhaven National Laboratory. The research, supported by the Atomic Energy Commission, the Nassau County Medical Center, and the Meadowbrook Foundation is under the direction of Drs. Stanton Cohn and I. Zanzi at the Brookhaven Medical Research Center, and Dr. John Aloia at Nassau County Medical Center.

## Stony Brook/BNL Math Program

Graduate courses in Numerical Analysis I and Probability and Statistics II will be offered during the 1974 spring term of the Stony Brook/BNL extension program in applied mathematics. Each class will meet one evening a week in the BNL Applied Mathematics Building, commencing January 14, and participants receive four credit hours. Persons who are interested in taking one or both of these courses, and who have not already registered, may obtain information and registration forms from the Office of Academic Relations, Building 460, or telephone extension 3336.

## Judo Club

The Judo Club will not have classes until Tuesday, January 8, 1974. Classes will be held in the old BERA office in the west end of the gym. All are invited to start a new year and to help make up next year's practice schedule. If there are any questions, please contact Bob Marascia at Ext. 4672.



## Vehicle I.D. Stickers

The system of issuing BNL vehicle stickers has been revised in an effort to make them more readily available. A supply of the newly designed stickers for 1974 has been distributed to all departments throughout the Laboratory. They are valid from December 1973 to December 31, 1974.

Employees and official guests will be issued stickers by their Department's designated representative, upon request. The Personnel Office will continue to issue stickers to new employees. They may also be obtained by any employee at Police Headquarters.

A person who regularly drives a privately-owned vehicle on site is requested to register it. Vehicle registration cards are also available from your Department Representative and are to be completed when you pick up your sticker.

The new sticker, which is to be applied from the inside, may be affixed to any of



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the left side windows. Please do not apply to the windshield or rear window as that practice is illegal.

BNL vehicle stickers are intended to identify vehicles of our employees and associates and to permit speedy entrance and exit from the Laboratory site. Please avoid the possible inconvenience of having to show your I.D. card at the gate. Get your sticker before the Christmas rush.

Please Note: All previously issued stickers will be invalid as of January 1, 1974.

Questions may be directed to George Sabine at Personnel, Ext. 2879.

## Save Fuel Now!

When leaving the Lab at the end of the day, turn your thermostat down to 60 degrees.

In the morning, put the thermostat up to 68 degrees maximum.

On weekends, set the thermostat at 60 degrees.

Wear a light sweater or a suit jacket if you feel chilly.

Keep your car speed below 50 mph.

Work harder . . . it will keep you warm!

## SRA Plan Questions

**Question 1:** How does the Supplemental Retirement Annuity (SRA) plan differ from the regular TIAA-CREF retirement plan?

**Answer:** The basic differences are that SRA contracts (a) can be surrendered for their *cash value* at any time; (b) include a "fixed period" pay-out option; (c) have a higher expense charge, to cover the cost of additional features; (d) require that only voluntary contributions (in excess of the required employee contribution to the regular retirement plan) can be made to SRA; and (e) all contributions must be made under a Salary Reduction Agreement.

**Question 2:** Is there a minimum contribution amount required to enroll in SRA?

**Answer:** Yes, the minimum contribution amount to either a TIAA or CREF SRA contract is \$10 a month.

**Question 3:** If I elect to participate in SRA must the contribution allocation percentages between my TIAA & CREF contracts be the same as my regular retirement annuity contracts?

**Answer:** No, you have the flexibility of choosing any allocation percentage you consider appropriate providing you make at least the minimum contribution of \$10 a month for each contract. Your allocation percentage should be indicated on your SRA application form.

For additional information, please call Personnel Services, Extension 2877.

## Gasoline Safety

Many motorists are courting fiery death by storing extra gasoline in their cars. With possible gasoline shortages, too many unthinking persons are trying to stockpile fuel at home or in their vehicles.

Don't risk horrible death, adding the hazard of fire to a minor accident, by storing combustibles in luggage compartments. It is far better to keep your gas gauge on "full" by more frequent refueling.

## Pool Users Refunds

Purchasers of swimming pool season tickets should apply to Personnel for refunds that are being made due to the closing of the pool. The refund for \$10 tickets will be \$7.50; for \$5 tickets the refund will be \$3.75.

Please contact Blanche Laskee in Personnel, Building 185.

Bring your ticket.

## Participation Awards

BERA Participation awards will be distributed at the Personnel Office on Thursday, December 20 between 12 noon and 12:30 p.m.

Distribution will no longer be made at the Gymnasium.

## IBM Visiting Scientist

The IBM Thomas J. Watson Research Center is now accepting applications for appointment as Wallace J. Eckert Visiting Scientist in Environmental Sciences for the academic year 1974-75.

Although the program is specifically intended for persons on sabbatic leave from universities and government laboratories, applications from any scientist prepared to carry out independent research will be seriously considered.

## Letters To The Editor

Dear Sir:

I would like to thank very much the staff of the Cooking Exchange for the impressive and tasty demonstration of the Thanksgiving Dinner.  
—An Appreciative Visitor

## BERA Nominating Committee Chosen

At a recent meeting of the BERA Board, the following members were selected for the Nominating Committee for the 1974 BERA elections.

Richard Dickhoff - S&M  
Geoffrey Hind - Biology  
Eleanor Murgatroyd - Director's Office  
Lawrence Musso - Purchasing  
Ronald Peierls - Physics  
Ruth Petit - Fiscal  
Walter Reams - DAS  
William Sells - HP & S  
Dudley Vail - AGS

They will meet after the first of the year, and would welcome names to be placed before their committee. Please contact any of the committee to make your suggestion known.

## Weather Information

As in past years Lab employees are urged to listen for notices affecting working hours before starting to the Lab on snowy days. Information on revised schedules due to inclement weather will be carried by the following stations:

Station	Area	AM	FM
WALK	Patchogue	1370	97.5
WBAB	Babylon	1440	102.3
WGLI	Babylon	1290	—
WGSM	Huntington	740	—
WHLI	Hempstead	1100	98.3
WHRF	Riverhead	1570	—
WLIX	Islip	540	—
WLNG	Sag Harbor	1600	—
WPAC	Patchogue	1580	—
WRIV	Riverhead	1390	—
WWRJ	Southampton	—	95.3
WBLI	Patchogue	—	106.1
WRCM	Riverhead	—	103.9

## Arrivals & Departures

### Arrivals

Howard P. Antonio ..... Plant Engrg.  
Chester R. Davis ..... Applied Science  
John D. Dunn ..... Physics  
Peter J. Erikson ..... Physics  
Betty D. Heldman ..... Medical

### Departures

None

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Published Weekly for the Employees of Brookhaven National Laboratory

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CLAIRE LAMBERTI, Editorial Assistant

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Telephone (516) 345-2345

## Bowling News

Grace Fales

### Green League

After holding first place for eleven consecutive weeks, the Designers have dropped into second place, with the Bubble Boys now holding top honors. As far as 200's for the night, only one was rolled by R. Meier 203.

### Pink League

With only one more match to go, it's anyone's guess which team will battle it out on position night. **SIX** points separate 1st and 6th place, so anything can happen, and probably will. Considering the past few weeks, lanes 17 thru 24 were relatively quiet. High games for the night: M. Stoeckel 180/503, A. Blake 171, E. Murgatroyd 171, G. Fales 165, and C. Beckner 165.

### Black and Blue League

Herm Haller 210 - that was it - the only high game for the night. 12/5 will not be recorded as one of the most memorable nights of bowling. Splits, not strikes, abounded. One hapless bowler managed to achieve the enviable total of 14 splits for the night. One explanation that has been advanced to explain this rash of low scores is the effect of the comet "Kohoutek" upon the bowling ball and the pins.

### Red League

AWARD for the night goes to R. Larsen - 221/214/255/690 scratch series. Congratulations also to J. Ferrante 609 scratch series. Other highs: F. Short 210, S. Frei 213/211, G. McGovern 208, W. Reams 209, and G. Malclm 207.

## Stony Brook Events

A music concert, art exhibit and films highlight events of the last week of the Fall semester at the State University of New York at Stony Brook. There are no events scheduled during the holidays until the Spring semester in January. Unless otherwise noted, events are open to the general public without charge.

### Music, Art

The Stony Brook Union Art Gallery presents an exhibit of paintings by Mary Anton and sculptures by Isidore Margulies from Dec. 11-20, 9 a.m. to 5 p.m. in the Gallery.

The University Chamber Orchestra will give its final concert of the Fall semester on Thurs., Dec. 13 at 8:30 p.m. in Room 105 of the Lecture Center. Conducted by David Lawton, the program will feature Performing Artist-in-Residence John Graham as soloist in Paul Hindemith's "Der Schwanendreher."

### Films

Tuesday Flicks will show "Ashes and Diamonds" directed by Andrej Wajda of Poland on Dec. 18 at 8 p.m. in the Stony Brook Union Auditorium.

The COCA Fall Series will show "Gone With the Wind" at 7:30 and 11:30 p.m. Dec. 14 and 15 in Room 100 of the Lecture Center. Admission is \$1 and a limited number of tickets may be purchased at the Main Desk in the Stony Brook Union from 6 p.m. on the night of the movie.

## IBEW To Meet Dec. 27

Local 2230 IBEW will hold its regular monthly meeting on December 27, 1973, at 8 p.m. in the K of C Hall, Railroad Avenue, Patchogue. There will also be an afternoon meeting at 2 p.m. for shift workers in the Union office at 31 Oak Street, Patchogue. On the agenda will be regular business, committee reports and the President's report.

## Classified Advertisements

### Placement Notices

Each week, the BROOKHAVEN BULLETIN 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 or others whom they wish to recommend to BNL 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, please contact Employment Supervisor, extension 2879 or 2882.

TECHNICIANS - Temporary positions. Physics Engineering Group. Physics Department.

TECHNICAL SPECIALISTS - Positions involve assignment to R/D on metal hydride systems and construction and operation of hydride reservoirs. Department of Applied Science.

OFFICE SERVICES ASSISTANT - Personnel Division.

STOCKMAN (2) - Supply & Materiel. Application deadline: December 24, 1973.

WAREHOUSEMAN (1) - Supply & Materiel. Application deadline: December 20, 1973.

### Autos & Auto Supplies

67 SUNBEAM MINX - 4 cyl, 4 dr, auto trans, r/h, good tires, gets 22 mpg, clean. \$625. 581-8412.

70 PLYMOUTH STATION WAGON - V8, 4 dr, ps/pb, r/h, auto trans, air cond. \$1750. 581-8412.

59 JAGUAR SEDAN - A classic, runs like a champ. Asking \$600. K. Gray, Ext. 2375.

SNOW TIRES - 2 F78-15 w/w on Ford rims, \$55/pr; 2-5.25x15 on VW rims, \$45/pr; 2-14" Mustang rims, \$8/pr. R. Dietz, Ext. 3059.

65 VW GHIA - 33 mpg, clean, perf mech cond. \$475. 878-4184.

2-14" RIMS - From Ford. \$2.50 ea, 2/\$4. Ext. 4131.

66 MGB ENG & TRANS - Good cond. \$200. 732-0219.

STUDDER SNOW TIRES - 6.50x13 on Corvair rims. 2/\$10. Ext. 3274.

TIRES - 2 ea BF Goodrich HR70-15 radial 990, new (never mounted). \$40 ea. L. Toler, Ext. 4280/4285.

64 VW - 1 owner, 63,000 mi, new brakes, very well cared for, good cond. Best offer over \$400. Vandenburg, 928-9373.

65 BUICK ELECTRA 225 - Air cond, new batt, water pump, muff, very good running. \$300. Rich, Ext. 4308, 666-8339 after 5.

70 HORNET - SST vinyl top, 6 cyl, std trans, 2 dr, 22 mpg. \$800. Walt, 281-2193.

WHEELS - 2-13" w/4 lug holes for Austin America, \$5/pr; 7.25x14 space saver spare tire, \$20. Steve, Ext. 3475.

63 PONTIAC STATION WAGON - Perf running cond, blue, already insp. \$250. R. Dee, Ext. 2333.

60 CHEVY CORVAIR - Powerglide, 16,000 orig mi, good running cond, good tires, brakes & batt. \$200. 732-8448 eves 4-6.

67 CHEVY STATION WAGON - V8, auto trans, good cond. \$395. 589-4874 after 5:30.

63 COMET - Good mech cond, new batt, very reliable 2nd car. \$150. 744-3569.

SNOW TIRES - Goodrich H78-15 w/w, excel cond. 2/\$25. Lenny, Ext. 4467.

62 SCOUT - 4 w/d, 4 cyl, good cond, new tires, new exhaust, starter. \$600. 744-0289.

63 T-BIRD - Good all around cond, rebuilt eng & trans. \$250. 281-2012 after 5:30.

SKID CHAINS - 7.35/7.75x14, new. \$10. Ken, Ext. 4407.

2 CHEVY RIMS - Just in time for snow tires. \$6/both. Ext. 4243, 281-5050 after 6.

67 AMERICAN REBEL - R/h, 6 cyl, 20 mpg, recently rebuilt auto trans. \$400. Skalyo, Ext. 3844.

69 PONTIAC CATALINA - Very good cond, 69,000 mi. \$800. Ext. 4516.

TIRE CHAINS - Bar reinforced for 6.50x13, 6.00x14 & 5.60x15 tires. \$12. Ext. 4341, 475-4005.

VW BEETLE BODY - W/wo eng. Ext. 4058, 286-0436.

SNOW TIRE - G78-14 Goodyear custom polyglas belted, brand new, never used. \$25. Rick, Ext. 3070.

70 COUNTRY SQUIRE - V8, excel cond, ps/pb, air cond, best offer. W. Bauer, Ext. 4746, Ext. 3103 eves.

64 FORD COUNTRY SQUIRE - Cheap, runs-needs work: Olness, Ext. 4581, 751-2655.

68 FORD FAIRLANE - Excel cond, auto trans, ps, vinyl roof, radio, snow tires, 56,000 mi. \$550. 286-8807.

65 OLDS 98 - Luxury 4 dr sedan, very good cond. \$400. Ext. 2550.

### Boats & Marine Supplies

GAS TANK - 6 gal Johnson or Evinrude w/hose, excel cond, \$16; spare prop for 40 hp Johnson or Evinrude, new, \$12. George, Ext. 2486.

### Miscellaneous

SIDEWALK BICYCLE - 16" boy's or girl's, \$10; tricycle, \$10; portable record player, monaural, \$10; child's miniature stereo tape recorder w/mikes & tape, \$7. Ext. 3274.

20" GIRL'S STINGRAY BIKE - \$24; 24" girl's Rollfast bike, \$22. 286-3709.

BABY CARRIAGE - \$12; rotisserie, \$8; girl's 20" bike, \$8; dbl bed, \$10. Frank, Ext. 3531.

MEN'S FIGURE SKATES - Size 9 1/2. \$7.50. Ext. 3380, 286-1454.

ELEC CARVING KNIFE - GE, practically new, \$10; GE travel steam iron, excel cond, \$10. 286-3742.

MECH DRAFTING SET - W/bow compass, pen, pencil & divider parts, German made, sell reasonably; US coins. O. Booker, Ext. 4719.

DRESS PINS - Exquisite floral designs w/genuine oriental jade, perf as gifts for all occasions. \$4 ea. 744-8546.

FULLY LET-OUT MUSKRAT FUR COAT - Excel cond, size 14-6. \$65. 473-1157.

WURLITZER ELEC ORGAN - Good cond, 44 keys, 22 stops, pedals. Asking \$575. 286-1454.

BED SPRING - On folding legs, twin size, excel, \$10; baby carriage, grey, converts to car bed, good cond, \$7. 924-3581.

MUSCOVY DUCKS - Eating now or for breeding in spring. \$7/pr. 286-3679.

GIRL'S FIGURE SKATES - Size 8, excel cond, \$5; size 9, fair cond, \$2.50; size-3, good cond, \$2.50. 286-8256.

CHRISTMAS TREES - New Hampshire balsam trees 6-12', East Patchogue. Only \$2-\$6. 475-1844.

ATTENHOFER SKIS - Wooden, excel cond, w/safety bindings, \$10; ski boots, size 10, \$5. 475-1844.

SEWING MACHINE - Single stitch, walnut cabinet, \$40; occasional chair, blk imitation naugahyde, walnut frame, excel cond, \$20. JU4-6019.

FITTED FIREPLACE SCREEN - Approx 37 3/4" wide, 29" high, adjustable limits, brass hood, needs pulls. \$10 or best offer. Alyce, Ext. 2902.

WICKER HAMPER - Picnic basket; 3 pcs marble; antique mirror; wine press; old GE fan; antique wine bottle, green; Crosly radio. All for \$60. 732-3338.

SKIS - Wooden, 190 cm, w/Cubco bindings & matched boots (woman's size 9), good cond, \$25; old wood skis, bad, \$5, & possibly new boots. Rick, Ext. 3979.

HALLICRAFTER SX-42 CLASSIC - W/spkr, needs going over, \$50; Harmon Kardon, Citation V stereo amp, & Citation IV stereo control center, \$500 value for \$80. Ext. 4058, 286-0436.

SCULPTURE - By Maldarelli, sev pcs, incl lg outdoor stone horses, bronzes, reliefs & terra cottas; also paintings by Mangravite. Rick, Ext. 3979.

ORLON YARN - All colors, will deliver to Lab or may be picked up at my home. \$2.50/lb. Ann, Ext. 3143, 732-9384 after 6.

HAZEL ATLAS PUNCH BOWL SET - Depression era, red/green winter scene on opaque white, bowl & 6 mugs. \$10. Trudi, Ext. 3058.

2 PR GIRL'S FIGURE ICE SKATES - Size 9, like new. \$5/pr. Walt K., Ext. 4514.

FREE PUPPIES FOR CHRISTMAS - Mixed breed, mostly German Shepherd. Skalyo, 281-8165.

21" CRAFTSMAN REEL MOWER - Like new, must sell. 286-0246.

1926 PHILCO RADIO CONSOLE - W/extra tubes, good cond. 286-0246 after 5:30.

TRUMPET - EK Blessing w/2 cases, new cond, will make a grand Christmas present. Lou, Ext. 4605.

ODYSSEY GAME - Used once, half price. P.R. Pate, 286-8835.

REAL AFGHAN COAT - Midi length, just cleaned. \$60. P.R. Pate, 286-8835.

COCKTAIL TABLE - W/matching end tables, less than 6 mos old. Orig \$89 ea, \$60 ea, \$175/3 pcs. 286-8517 after 5:30.

DANISH IMPORT RUG - 9x12, 4 mos old, was \$289, now \$145; red swivel chair, less than 6 mos old, \$50; 6' wine rack, \$55. 286-8517 after 5:30.

MEN'S FIGURE SKATES - Size 8, excel cond. \$7. Andy, Ext. 3514.

DBL BED - Dk color, curved footboard, about 45 yrs old, no matt, \$30; heavy wood portable crib, converts to playpen & dressing table, orig \$33, asking \$10. 727-1617.

OLD BLUE MASON JARS - 6 qts & 5 pts, \$8/all; old table scale, 24 lbs, gr & yellow, \$5; crib & Health-O-Pedic matt, very sturdy & good cond, orig \$90, now \$20. 727-1617.

BUNK BED - W/matt. \$40. Bob K., Ext. 2902, 286-0407.

PORTABLE EMERSON AUTO PHONOGRAPH - 3 spd, green leatherette case. Ext. 2582.

BABY CLOTHES & TOYS - For child up to 2 yrs old; also custom jewelry; very reasonable. 744-1612.

WALNUT FORMICA TABLE - W/6 chairs, 1 leaf, matching formica drop leaf bar w/glasses & mixer, will sell separately. Don, Ext. 2043.

MAPLE BUNK BEDS - Compl. \$40. Mike, Ext. 4851.

66 INT CUB CADET TRACTOR - W/trailer, seeder & front end loader. Asking \$550. Rich, Ext. 2982, 363-6845.

PARTS FOR GE LA-4 HOME OIL BURNER - Reasonable. Ken, Ext. 3574, HR2-3329 after 6.

BEAUTIFUL SEQUINED LONG GOWN - Yellow gold color, size 9-10, in time for holidays, excel buy. \$25 takes it. 273-5574 after 5.

19" ZENITH PORTABLE B/W TV - Good operating cond. \$45. Shirley, Ext. 3388, 727-6254.

HOMEMADE TRAILER - '71 Intl truck bed, good for transporting material & garbage. \$200. Ray, Ext. 3531.

CRIB & NEW MATT - \$15. P. Palmedo, Ext. 2912.

STORM DOORS - 2'8"x6'8" & 30"x6'8", \$12 ea; overhead garage door, 9'x7' w/hdwre & track, \$35. Frank, Ext. 3531.

TRUMPET W/CASE - Holton make w/2 mutes, very good cond. Asking \$85. K. Frank, 732-8216.

4 OUTSIDE BRASS CARRIAGE LITES - \$20. R. Reilly, Ext. 3255, 744-8680.

CHRISTMAS CREDIT - To buy at any Morsan's, good deal for your gift shopping, I can't use though paid. A.L. Harrison, Ext. 3602.

6 REPLACEMENT CUSHION SETS - 3 1/2", 22"x24", very good cond. \$5/set. 281-7844.

MODERN DINETTE - 1 leaf, 6 chairs, excel cond; older refrig, fine working cond; 4' scotch pine, used twice. 286-0376.

2 OLD DRESSERS - \$5 ea; 2 side chairs, upholstered back & seat brown, \$5 ea. 281-7844.

KENMORE WASHER - Compl rebuilt, 2 spd, 3 cycle, water level & temp switch. \$80. 878-2486.

MOBILE HOME IN FLORIDA - 1972, 72x12, 3 bedrms, 2 full baths, lived in 6 mos, unfurn. \$5500. 878-2486.

SLACKS - New 30W30L; sports jackets 12-20, \$4-5. A. Munsterman, 744-5871.

ELEC GUITAR - Solid body, w/5W amp, excel cond, ideal for beginner, \$27; ice skates, hockey, size 6, \$5; boy's figure skates, size 7, \$5; excel cond. Aggus, Ext. 4760.

### 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 Rent

FURN APT - 2 1/2 rms plus bath, priv entrance. Call for appointment, 289-1227.

HOME FROM HOME - Furn house, 5 min from Lab, 3 bedrms, 2 baths, avail 1/1 - 7/30/74. \$285/mo. 744-0012.

FURN RM - Kitchen privileges. Lundgren, Ext. 3800, 585-3794.

SHIRLEY - 2 bedrm house on water, lg lv rm & kitchen, part furn, avail 1/1/74. \$150/mo. Ext. 4105.

### Wanted

HOME - Young, grey calico female kitten, 5 mos, free spaying, will deliver. Carlson, 727-7278.

2 RIMS - 5 holes, to fit 7.75x14 tires of F85 Olds. Tony, Ext. 3636.

