

# BROOKHAVEN BULLETIN

Volume 34 - Number 49 / December 19, 1980  
BROOKHAVEN NATIONAL LABORATORY



-Photo by Ed Kush

## Season's Greetings



-"Popsicles by the Sea" by Irv Meyer



-Photo by Tom Luhman



-Photo by Tom Luhman



-Photo by Janet Hoefling



-"Snow Waves" by Irv Meyer



The Cleveland Quartet relaxes prior to a performance (from left): Donald Weilerstein and Peter Salaff, violins; Paul Katz, cello; Atar Arad, viola.

## Cleveland Quartet

The BERA Concert Series is now in its thirtieth season, making it one of the oldest — if not the oldest — chamber music series in Suffolk County. The second performance in the 1980-81 BERA Concert Series, in which the Cleveland String Quartet will play a program of quartets by Mendelssohn and Bartok, will take place in Berkner Hall on Tuesday, January 6, at 8:30 p.m.

Founded at the Marlboro Music Festival in 1969, the Cleveland Quartet has been acclaimed by the press and concert-goers worldwide as one of the great string quartets of our time. In the past five years, their RCA releases have won national recognition, including several Grammy nominations and Best of the Year awards from *Time* magazine and *Stereo Review*.

The 1978-79 season marked the Quartet's tenth anniversary, which was celebrated by a series of three concerts in Carnegie Hall, three radio programs dedicated to the Quartet on Karl Haas' nationally syndicated "Adventures in Good Music," and RCA's twelve-record release of their complete quartets of Beethoven.

Violist Martha Strongin Katz recently retired from the Quartet in order to meet the needs of the first child born to her and her husband, Paul Katz, the cellist of the Quartet. Atar Arad replaced Ms. Katz last June

at the Aspen Festival and has been the violist of the Quartet since.

Dedicated teachers as well as performers, they are members of the faculty at the Eastman School of Music. They have been the Quartet in Residence at the Aspen Music Festival for the past seven summers. The Cleveland Quartet last performed in Berkner Hall during the 1971-72 season.

On the program for the Cleveland Quartet's BNL performance are the Mendelssohn Quartet in A minor, Opus 13, a work dating from the period of "A Midsummer Night's Dream" and the Octet. It is perhaps the most moving of the composer's quartets. It shows the influence of Beethoven's Opus 132 Quartet in the same key, which Mendelssohn had heard at its first performance and which had made a profound impression on him. The little known Fuga in E flat from the same period; the Quartet in D major, Opus 44, No. 1, the latter Mendelssohn's personal favorite; and Bartok's monumental Fifth Quartet round out the program, our first in the Bartok Centennial Year.

Tickets are \$6 for adults, \$4 for students and senior citizens, and \$3 for those under 18. For tickets and/or information, call Ext. 4643 or 2873.

## Season's Greetings

We'd like to extend greetings of the season to all our readers and a special thanks to the BNL photographers who have shared their art with us on the front page of this issue. Janet Hoefling (Public Relations), Ed Kush (DEE), Tom Luhman (DEE), and Irv Meyer (Chemistry) have captured the stirring scenes and stimulating sports that epitomize this winter season.

### Bulletin Schedule

There will be no *Bulletin* next week because of the Christmas holiday. The next *Bulletin* will be distributed on Wednesday, December 31, 1980. All items for that issue, including classified advertisements, must be in the *Bulletin* office by 4:30 p.m. on Tuesday, December 23.

## Nursery School

The Upton Nursery School announces openings for new enrollment in January 1981. Among other openings, there are several places available in the three session per week class for three year old children.

The Nursery School offers pre-school experience for a child whose parent or relative is an employee of BNL or is a Laboratory visitor. There are separate classes for three- and four-year old children. Classes meet two or three mornings per week. An established car-pool system is in operation. Tuition fees are \$40 per month for the three-day classes and \$27 per month for the two-day classes.

Interested parents should call Karen Brunschwig, enrollment chairperson, at 924-0030, or Colin Stewart, President, at Ext. 4154 or 286-9616 for more information.

## United Effort For United Way

In this season of giving, BNL employees were more generous than ever before. Almost 1100 people brought the total Lab donation to the 1980 United Way campaign to \$48,062 an increase of more than \$6,300 over 1979 and contributions are still coming in!

Perhaps some of the increase in donations can be attributed to an increased awareness that the United Way returns these monies to people in need through the agencies it supports. One employee's testimony to this fact is illustrated by the story in the box at right.

While Ernie Jochen, campaign chairman, emphasized that "the family of BNL employees was united in this effort," there were some noteworthy achievements. For still another year, Contracts & Procurement and Fiscal led the Lab with 100% participation. Harry Klein and Josephine Gazzola were the coordinators for the respective groups, which will co-share the BNL Director's Award. With a participating percentage of 98.04%, the Director's office merits honorable mention. Also commendable is the 158.54% positive change in contributors from the Department of Energy and Environment. Ann Mauro and Betty Pergan, respectively, coordinated the efforts in those two groups.

### CREF Values

September	44.60	October	41.18
November	42.56	December	43.19
January	45.37	February	44.59
March	40.33	April	41.82
May	43.70	June	44.81
July	47.84	August	48.04
September	48.75	October	49.13

November \$53.19

### Safety Equipment

During the upcoming holidays, safety glasses and safety shoes are on the following schedule:

Safety Glasses — *Open* Wednesday, December 31.

Safety Shoes — *Open* Mondays, December 22 and 29.

## Two Conferences Held at BNL

As the site of two important conferences last week, BNL played host to a number of distinguished guests.

### Biology Of Fermentations

"Trends in the Biology of Fermentations for Fuels and Chemicals" was the subject of the symposium held December 7-11. This conference which was supported by the U.S. Department of Energy and the National Science Foundation/Metabolic Biology Program, was organized by a committee chaired by Dr. Alexander Hollaender of the Council for Research Planning in Biological Sciences with members from AUI, DOE, USDA, NSF, and the Universities of California, Georgia, Illinois and Indiana. The Biology Department hosted the symposium with the assistance of Helen Z. Kondratuk who coordinated the conference details on site. The symposium was attended by 150 visitors from all parts of the world.

The symposium was concerned with the bioconversion of biomass to fuels and chemical feedstocks by fermentation methods; for example, the production of ethanol from grain. This symposium was organized to review contemporary knowledge and

### Our Little Miracle

When the 1980 United Way campaign began, many BNL'ers found out what the program is all about by watching a film called "The Little Miracle." Starring Mickey Rooney, the movie centered on a working man whose wife became ill. With the help of agencies supported by the United Way, his wife received home care and his children were taken care of during the day.

This movie probably helped to convince many employees to give. And, for most people, filling out the pledge card completed their business with United Way for 1980. But for one Lab employee, who has always been a contributor, this could not be the case.

Just before Thanksgiving, in the midst of the campaign, this employee's wife fell down the cellar steps, breaking both her arms. Our employee found himself in much the same position as the worker in the film and badly in need of a "little miracle."

The United Way was contacted about helping to provide home care for the employee's wife. "They acted very fast," said Ernie Jochen, campaign chairman. "They made contacts and arrangements with the Home Care Service in Huntington to have an aide visit the family out east." While this service is not free, because of United Way support, it is inexpensive.

Our employee is more than satisfied. The aide comes every other day for four hours. The rest of the time, the employee's mother and a neighbor help out. "When it came down to it," he said, "they really showed their true colors. It's great that there is an organization that will give back. This is truly a program that's worthwhile."

## Kayaking Anyone?

The BNL Mountain Club will again run kayaking lessons during the winter on Sunday mornings in the Lab Pool. There will be an open house from 10 a.m. to 1 p.m. on Sunday, January 11 for those who are curious — bring a swim suit and try! Sign up for lessons at the open house or by contacting Harold Udseth, Ext. 4324 or Dick Watson, Ext. 3788.

advances in fermentation and to indicate new directions for investigations to improve the bioconversion technologies of the future.

### Computer Simulation Studies

A discussion meeting on "Computer Simulation Studies of Two-Dimensional Phase Transitions" was held December 11-13. The 44 attendees shared the results of their numerical experiments on two-dimensional systems. These experiments involve the formulation of mathematical models which are set up on a computer and used to simulate real materials and to test theories of their behavior. Other topics of discussion included computer hardware and directions for the future.

Organized by John McTague of UCLA and Victor Emery and Martin Blume of the Physics Department, the conference was held at BNL because it was a mid-point for the international group. Conference secretary Jane Schwaner handled the organizational details of the conference on site.

# BROOKHAVEN BULLETIN

Published weekly for the employees of BROOKHAVEN NATIONAL LABORATORY

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## Retiree



Mort Rosen

Alfred Texeira retires Sunday from his position as Firefighter in the Safety & Environmental Protection Division. He came to the Lab in 1947. He and his wife Ida plan to do a little traveling to Florida and Tennessee. They are also considering a move to Florida but have not yet made a final decision. As Texeira said, "The grandchildren are hard to leave."

## Arrivals & Departures

### Arrivals

Avery C. Dennis, Jr. .... Safety & Env. Prot.  
David R. Dougherty ..... Physics  
Louis J. Integlia ..... Safety & Env. Prot.  
Bom Soon Lee ..... Nuclear Energy  
Evelyn P. Gause ..... Nuclear Energy

### Departures

Michael J. Sansone ..... Energy & Env.  
Clarence A. Terry ..... Plant Engrg.  
Govind R. Vinjamuri ..... Energy & Env.

## NYC Train Trips

The Hospitality Committee's group LIRR trips to New York City during 1981 are scheduled as follows:

January 21	July 1 & 15
February 4 & 18	August 5 & 19
March 4 & 18	September 2 & 16
April 1 & 15	October 7 & 21
May 6 & 20	November 4 & 18
June 3 & 17	December 2, 16, & 30

The train for the city departs the Patchogue LIRR station at 7:55 a.m.

Round-trip fare for adults is \$3.25, children under six years ride free.

Reserve a ticket by sending a check for the fare through the U.S. mail to P.O. Box 322, Upton, New York 11973, no later than the *Thursday* preceding the trip. Make checks payable to "Brookhaven National Laboratory." Tickets will be distributed on the train. Refunds will be made only if cancellations are received by the *Friday* preceding the trip.

If there is a change in the schedule, a notice will appear in the *Bulletin*.

## Holiday Hints

These timely tips were provided by Cornell University.

### Gift Plant Care

To retain the attractive appearance of gift plants, give them the best care possible. Keep them cool, with a temperature of 70°F during the day and 60°F at night. When the temperature is warmer, plants may stop flowering rather soon and become drab in color or drop their foliage.

A humid atmosphere is best. Setting the pots on crushed stone or gravel in a pan of water will help plants. The water will evaporate and increase the humidity of the air around the plants. Do not set the pot directly in the water or the soil will become too wet.

Flowering plants should receive as much sun as possible during the day, but should not be in a hot southwest window. Do not locate plants on the TV.

Water gift plants regularly. They will use more water in a dry home than they did in the greenhouse. Apply enough water to keep soil moist and keep them out of drafts.

### Decorations From The Garden

Many ornamental evergreens and shrubs with berries are excellent sources of material for making holiday decorations. Greens from a garden will remain fresh and provide variety for wreaths and holiday table arrangements.

Pruning yew, Japanese and American holly, juniper, false-cypress, arbor-vitae, and red cedar provides lovely greens. This pruning during the holiday season won't stop new growth from the tips, but the plant will be more compact next year.

Austrian and white pine, Douglas fir, and Norway spruce are also sources of greenery. However, use only the inside branches, selecting and removing them carefully to avoid spoiling the shape of the tree. Pine and spruce do not produce new growth from the cut tips.

### Prevent Fires

The holidays are coming! But the festive lights and electrical decorations increase the chances of fire.

Here are a few safety tips to consider this time of year:

\*Figure out at least two escape routes from each room to the outside. Allow for the hall or stairway being blocked by fire.

\*Keep in mind that closed bedroom doors will hold back flames and smoke for up to 30 minutes, allowing extra time for escape. Get everyone used to sleeping with the bedroom door closed.

\*If a fire starts while people are upstairs, use roofs, ladders, or trees to get down safely. Check the windows now to make certain they open easily.

\*The family is more important than possessions. Leave the house quickly and don't waste time trying to save "valuables." They can be replaced.

\*Decide on a place for the family to meet outside and be sure everyone understands the rule: ONCE OUT—STAY OUT!

\*Know how to call the fire department, and do it as soon as everyone's out of the house.

A little planning in advance can make this season and the whole year a happy and safe one.

## To Your Health!

Andrea L. Brand, M.D., and Caroline Kramer, R.N., Occupational Medicine Clinic, are co-authoring a series of articles dealing with current trends in the medical field. These articles will be published in the *Bulletin* so that employees can gain a better understanding of health maintenance and prevention of disease.

If you are interested in having a particular topic covered, please send your suggestion to: Andrea L. Brand, M.D., and Caroline Kramer, R.N., c/o To Your Health!, Occupational Medicine Clinic, Building 490.

## Drug - Alcohol Interactions

Approximately 2500 deaths occur each year in the U.S. because of the interaction of medication and alcohol. A large number of commonly prescribed drugs have at least one ingredient which interacts adversely with alcohol. Many antihistamines (a common ingredient in cold tablets) and tranquilizers when combined with alcohol can produce a serious loss of judgment and alertness. Alcohol also enhances the effect of many drugs that are taken for high blood pressure, with the potential danger of a sudden and severe drop in blood pressure that might cause loss of consciousness.

Even a small amount of alcohol if taken while on certain medications can produce a serious side effect. If you're on medication (including over-the-counter preparations), check with your physician or pharmacist to see if there are any reasons you should not drink while on this medication. And remember - if you're driving, working with machinery, or working at heights, even a slight loss of judgment and alertness can have serious consequences.

*Have a happy and safe holiday.*

—Caroline Kramer R.N.

## Cafeteria Menu

### Week Ending Dec. 26, 1980

#### Monday, December 22

Mulligatawny soup (cup) .55  
(bowl) .65  
Baked ham w/orange sauce & 1/veg. 1.55  
Beef chow mein & rice 1.55  
Hot Deli - Roast beef (on bread) 1.65  
(on roll) 1.75

#### Tuesday, December 23

Old fashioned lentil soup (cup) .55  
(bowl) .65  
Batter fried steak & 1/veg. 1.65  
Poached filet of fish w/1 veg. 1.50  
Hot Deli - Knockwurst (on bread) 1.60  
(on roll) 1.70

#### Wednesday, December 24

Pot-au-feu soup (cup) .55  
(bowl) .65  
Roast turkey & stuffing w/cranberry sauce 1.55  
Meatloaf & gravy w/1 veg. 1.55  
Hot Deli - 8 foot hero .75 per inch

#### Thursday, December 25

Christmas Day - Closed

#### Friday, December 26

Snackbar Service - 9:00 a.m. to 2:00 p.m.

## Service Awards

The following employees will receive service awards during December:

### Thirty Years

John M. Dioguardo ..... Accelerator  
Norman Nelson ..... Plant Engrg.

### Twenty-five Years

Rudolph M. Funn ..... Staff Services  
Richard E. Hildenbrand .... Accelerator  
Richard C. Larsen ..... Physics

### Twenty Years

Wilbur V. Bailey ..... Staff Services  
Paul Bezler ..... Nuclear Energy  
Reginald Ellington ..... Plant Engrg.  
Robert C. Kehl ..... Accelerator  
William A. Love ..... Physics  
Philander B. Miller ..... Plant Engrg.  
John C. Rothmann, Jr. .... Medical  
Frances M. Scheffel .... Nuclear Energy

### Ten Years

Jose A. Lopez ..... Plant Engrg.

## Bowling

### Pink League

Renie Rosati had a great night with a 190/507 series. Other good games were bowled by Marie Grahn 183/174, Helen Keeley 170/162, Mary-Grace Meier 166, Carol Beckner 165/160, Deb Johnson 161/159, Karen Alberico 159, Pat Oster 157/152, Kit D'Ambrosio 156. The Lickety Splits and Book-Ends are still tied for first.

### Red League

The Sandbaggers shut out the Sparks 11-0. R. Meier (219) grossed 646, E. Meier (206) 616, R. Jones 607, C. Bohnenblusch rolled a 203 game. The Old Timers split 6-5 with the Strangers. R. Adams (203) grossed 622, W. Reams 617, F. Pond (209) 649. The 76'ers split 6-5 with the Light Source. T. Holmquist grossed 626. This Isa Team split 5-6 with the Pinball Wizards. M. Iarocci bowled a 222, R. Barberich grossed 606. The Designers took 3 in a match with the Phoubars and the Freon Loaders lost 11 to the Old Timers II.

### Purple & White League

The Diamonds continue in first place with an 8 point lead over the Good Times. High series for the men was bowled by Ken Riker (578) with games of 209/201/168, and for the women, Caryl MacDougall bowled 537 with games of 201/166/170. Other good games were rolled by Ed Meier 213, Ben Belligan 212, Jim Petro 202, Gail Schuman 198, Joyce Pinelli 196, Pat Manzella 189. Lorraine Petro rolled a 517 series with games of 176/181/160 averaging 40 pins above her average.

### Green League

The Pinball Wizards took 6 from Isa Team. The Sparks lost 11 to the Sandbaggers with B. Sick bowling a 224. The Blue Jays, tied for second, took 8 from the Trouble Shooters. The Old Timers II took 11 from the Freon Loaders with L. Musso rolling a 202 and B. Galen 221/222 for a 608 scratch. The Phoubars took 8 from the Designers with N. Tyler bowling a 202. The Light Source could only manage 5 from the 76'ers.

## Hospitality News

Ms. Lizzy Soenarjati will present an Indonesian shadow-puppet show at the next morning coffee which will be held Tuesday, January 6, from 9:30 to 11:30 a.m. at the Brookhaven Center. Ms. Soenarjati will give a brief explanation of the shadow puppet's history, its modern adaptation to western culture and its comparison to three-dimensional puppets.

Please come and bring the children. Coffee, tea and danish will be served.

If the weather is bad (snow or icy conditions) on the day a morning coffee is held, that coffee will be postponed until another day.

## Volleyball

The volleyball season is divided into quarters for the purpose of determining the league championship. The winners of the first two quarters will have a playoff, as will the winners of the last two quarters. The two winning teams from those playoffs will compete for the league championship.

### Standings as of 12/8/80

#### A Division

	Wins	Losses
No Names	12	3
High Society	10	5
Mixed Ups	9	6
Las Bolas	8	7
Kings Court	3	12
Nuts & Bolts	3	12

#### B Division

Leftovers	14	1
LEMUFs	11	4
TNT	9	6
Oh No's	6	9
Puff & Stuff	3	12
Semi-Tough	2	13

## 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 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 non-scientific 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.

**LABORATORY RECRUITMENT:** Opportunities for present Laboratory employees.

1528. METAL WORKER-MAINTENANCE A (Group Leader) - Plant Engineering Division.

1529. WATER AND SEWERAGE OPERATING ENGINEER (Group Leader) - Plant Engineering Division.

1530. TOOL AND INSTRUMENT MAKER (two positions) - Central Shops Division.

1531. RESIDENCE CUSTODIAN - Staff Services Division.

1532. WATER AND SEWERAGE OPERATING ENGINEER - Under minimum supervision, lays out, constructs or installs, repairs, maintains and operates water and sewerage systems, related facilities and auxiliary equipment. Applicants must have 5-7 years commercial/industrial plumbing experience. Knowledge of water treatment plant operations experience desirable. Plant Engineering Division.

1533. SECRETARIAL POSITION - Requires an AAS in secretarial science or its equivalent experience plus demonstrated secretarial and administrative abilities. Candidate must have substantial office experience, and possess excellent oral and written communication skills. Working knowledge of shorthand required and experience with word processing equipment highly desirable. Personnel Division.

1534. CLERICAL POSITION - Requires substantial background in performing office duties. Experience in specialized reservations systems and cost related controls highly desirable. Staff Services Division.

1535. SHOPS COORDINATOR POSITION - Requires recordkeeping and inventory experience and experience in dealing with vendors as well as considerable telephone contact background. Light typing skills desirable. Will be responsible for ordering supplies, tools and parts; keeping accurate, updating inventory; and cataloguing of items. Will have heavy telephone contact with vendors and help expedite purchasing. Central Shops Division.

### Autos & Auto Supplies

73 GRAND TORINO - Blue, 351, 2 bbl. Needs some work. Must sell. \$500. Joe, 821-0692 after 6 p.m.

RACING TIRES - (2) N50x15, Protrack, brand new. \$150/pr. or best offer. 924-0960

75 DODGE DART - 4 dr, 73 kmi, 6 cyl, a/t, p/s, good cond, avail Jan. 8. \$1600. Ext. 7180/3035.

71 FORD PICKUP - ½ ton, dual tanks, ¾ ton springs, 6 cyl, std shift. Ext. 4270.

VW TIRES - (1) snow, (1) reg. usable. \$5. ea. Frank, Ext. 3898.

RADIAL TIRE - Goodyear w/Ford wheel ER78-14, like new. \$60. Tony, 399-2816 after 6 p.m.

PICKUP TRUCK BEDLINER - black, used less than one yr. \$275. new, sell now \$150. Ken, 924-3756.

76 YAMAHA DT175 - Enduro, excel MPG, well maintained, \$550. Art, Ext. 4921 or 929-6177.

SNOW TIRES - (2) Goodyear A78-13 polyglass Suburbanites, excel cond. \$50. Bob M. Ext. 2514 or 757-3178.

RIMS - (2) 15" wheel rims, like new, used on 76 Cadillac. \$20. Ext. 4701 or 271-2877.

HONDA CVCC - good cond, 71,000 mi; new tires, muffler, generator, starter. Have bills. \$2,500. Joe, Ext. 2898.

WHEELS - (2) brand new 15x10 white spoke wheels for Blazer Chev. GMC 6 lugs. \$40. for pair. 475-1469.

67 FORD MUSTANG - conv. black, gold, auto needs minor work. \$1,000. Scott, 878-1514.

71 CHEV. - sta. wgn, fair cond, good tires. \$150. Bob, Ext. 2819 or 289-0357.

CAP - fits Toyota, Datsun, etc. Pickups. John, Ext. 4976 or 744-4386.

66 VW - body good, engine re-buildable, \$175. Dan Wilson, Ext. 2012 or 744-6148 eves.

EARLY VW - and MGA parts, cheap. Dick, Ext. 3498 or 589-9103.

68 CHRYSLER - T&C wagon, good rubber, good battery, reg. gas, 73,000 mi. \$250. John, 589-2338.

SNOW TIRES - radials 175-14, used one winter, \$50/pr. Tony, Ext. 3195.

MOTORCYCLE CARRIER - bumper type, \$10. Walter, Ext. 3397 or 567-9025.

SIDE STEPS - for Pickup truck, heavy duty diamond plate, excel shape. \$50. Ext. 4987 or 878-1970.

78 HONDA - Accord, 5 spd, excel cond. \$4,950. 878-2615.

75 GRAND PRIX - Landau top, new sport radials, full power, good cond. Asking \$2,000. 472-0739 after 7:30 p.m.

72 IMPALA - good tires, excel cond, a/c, p/s, p/b, tinted glass. \$900. Bill, Ext. 7772 or 281-0557.

SADDLE BAGS - black, molded A.B.S. w/stop/tail lights, fits most motorcycles, includes Mtg. hardware & key. \$40. Dick, Ext. 3273.

PINTO REPAIR - and tune-up manual by Chilton for 1971-1976 cars. \$3. David, Ext. 3145.

SNOW TIRE - (1) L78-15, excel., w/w. \$20. 473-6996 after 5 p.m.

TIRES - steel belted radials. Michelin, like new. \$30. ea. 589-0643.

MINIBIKE - Trailcat, 5 HP Techumseh engine, full suspension, excel cond. \$140. 286-0065.

72 FORD TORINO - 351 Cleveland, V8, new brakes, alternator, shocks, 4 dr. sedan. \$500. 286-8062 eves.

RIMS - (2) for Valiant, 13". \$10. Ext. 2041.

MEYERS SNOW PLOW - 7½" wide, lights, pump, carriage, \$500. 878-4035 5:30 p.m. to 6:30 p.m. only

74 DODGE DART - a/c, a/t, p/s, p/b, high mileage, some body damage, orig. owner, reg. gas. \$500. Firm. Bob, Ext. 3370.

72 OPEL - red, 75,000 mi, 4 cyl. \$750. 744-6063.

76 SAAB 99GL - wagonback, 4 cyl, a/t, a/c, p/b, p/s, 33,000 mi, mint. Ext. 4215 or 286-8338.

76 DATSUN B210 - transmission, 1978 Datsun engine, low mileage. Ext. 3644 or 929-8143, after 6 p.m.

RIMS - 15" Ford, 2 for \$5. Ext. 3282.

79 FORD - 150 Econoline, am/fm cassette stereo, captains chairs, sunroof, 351/8 cyl. a/t. 878-1572 after 5 p.m.

MOTORCYCLE WINDSHIELD - w/hardware to fit Honda Hawk. \$40. 585-8175.

80 YAMAHA GT-MXA - dirt bike, dealer inspected, excel cond. \$350. Jack Phillips, 653-4924 or Ext. 4060.

RIMS - 15" Ford, new. \$12. pr. J. Gabusi, Ext. 4641 or 298-4435.

396 CHEVY - powered 1970 Skylark wagon Blueprinted, Muncie 4 spd, 12 Bolt Posi, L60 radials, sunroof, more, mechanically perfect, good mi. Asking \$2,000. Randy, Ext. 4636 or 277-3451.

TIRES - (4) Mich. steel radials 825x14 on rims, very good cond. \$120. Ext. 3464, Warren.

71 CHEVY - Monte Carlo, excel cond. \$700. 293-7368 or Ext. 2115.

75 CHEVY - Impala wagon, p/b, p/s, a/c, low mi. offers over \$1,000. Ext. 3400.

78 SUBARU BRAT - 4 WD, good cond, canvas cap, gold color. \$4,800. Ron, Ext. 2467 or Dan, 924-8644.

WHEELS - (1) 14" GM, (1) 15" GM small bolt wheel, (2) 15" Ford wheels, \$4. ea; H.D. Chevella front sway bar, \$10; GM radiator, excel. \$20. Randy, Ext. 4636 or 277-3451.

77 RABBIT - 2 dr, 55,000 mi, excel cond, avail. Jan. 31. \$3,000. J. Olson, Ext. 3382 or 289-8629 after 7 p.m.

TIRES - (2) HR 78-15 snow radial w/w; (1) G78-15 belted new w/w. Ext. 3255.

71 PINTO - 71,000 mi, a/t, red, very clean, good mi. on reg. gas, many new parts. \$950. Ext. 4098 or 281-8318.

MICHELIN TIRE - (1) w/w radial, never used, 225x15 (equal J78x15) for Buick, Cadillac, etc. \$75. Alyce, Ext. 2902.

RIMS - 15" Ford, excel cond. \$12. pr. Bill, Ext. 2906 or 929-6189.

### Boats & Marine Supplies

18' CLAM BOAT - 40 HP Johnson & various other clam misc. items. \$900. Jeff, 286-1348 or John, Ext. 3292.

8 HP MARINER - outboard, under warranty, used less than 10 hrs. \$575. Wes, Ext. 4638.

### New Ad Policy

The *Bulletin* will not run classified advertisements which involve the sale or trade of firearms of any kind.

### Miscellaneous

COLOR TV - 13" BOHSEI, 6 mo, \$160; girl's bike, 24", 10 spd, good cond, \$40; avail Jan. 8. Ext. 3035.

TELESCOPE - Tasco 66 TE. \$45. G. Kinne, Ext. 4061.

CHRISTMAS TREE - artificial, green, 7' w/stand & many tree decorations. \$50. Ext. 3589.

CHRISTMAS TREES - live, blue-green spruce, to 15', cut while you wait or tag & pickup later. Sat. & Sun. Jim, 289-0876 or 286-0024.

ICE SKATES - sizes 13 (girls), 4 (boys), 6 (ladies). Ext. 3106.

FOLDING BED - alum. frame w/mattress, very cheap. \$30. 475-8971 after 6 p.m.

ANTIQUUE - piano stool, swivel top, spindle legs, ball & claw, mahogany. \$50. Firm. JU 4-6019.

SOLID BRASS - fireplace enclosure for standard fireplace, glass doors, airtight. \$75. John, Ext. 4680.

POINSETTIAS - 4-15 lg. blooms per plant, 4-6-12 Dollars. Harry Syers, 567-5947.

TYPEWRITER - IBM Executive electric, excel cond. \$350. Ext. 4853 or 473-4948 after 6 p.m.

SKATES - ice & roller, sizes 6-9, prices \$5. to \$10. ea. good cond. 744-8680 after 3 p.m.

LOVE SEATS - 2 new colonial, \$225. ea; custom colonial Hutch. \$250. Randy, 399-0039.

FREEZER - Admiral 15.8 cu. ft., white w/no mark door, brand new. \$200. 654-4895.

GINGERBREAD HOUSES - sleighs filled w/Holiday goodies. J. Medina, 924-6971 or Ext. 7636.

TV GAME - electronic Fairchild, like new, 6 cartridges including tanks, drag race, spitfire, baseball, hockey, etc. \$50. Ext. 4731.

TV - 19" Philco (B&W) hardly used, only 1 yr. old, perfect cond. \$90. 584-7050.

WOOD & COAL - burning stove & accessories, "all-nighter", used one season. Ext. 2888 or 286-0422 after 6 p.m.

FREE - Gerbils. Ron, 289-1003.

HIPPO HANDS - by Vetter; motorcycle winter gloves, new, unused. \$40. Dan, 277-1284.

HOCKEY SKATES - Bauer size 4, \$15; cast iron Franklin stove, reasonable. Sal, Ext. 4703.

BICYCLES - men's 3 spd, 26" wheels, excel cond. \$45. Ext. 3106 or 4324.

ORANGES & GRAPEFRUIT - \$10. & \$8.50 straight from Florida, available 12/22, 12/23. Pickup in Patchogue. Call to order 289-1229.

KITCHEN CABINETS - sink, countertop, range w/hood, wall oven. Ext. 2312 or 281-4726 after 6 p.m.

TOY PIANO - 25 keys, \$13; red tricycle, \$10; humidifier, \$9; golf cart, \$10; window fan, \$10; elec. range, \$5. Ext. 3191.

RECORD ALBUMS - 78 RPM, Classical, Mozart, Beethoven, Haydn, Bach, etc. 60 albums, best offer. Ext. 4019.

GAS HEATING UNIT - like new, good for workshop, greenhouse, sm. home. Susan, Ext. 7235 or 399-0132 after 7 p.m.

KNOTTY PINE DESK - w/chair & home entertainment unit; maple twin bed w/mattress & boxspring; also metal clothes closet. Mary, 727-0552 after 6 p.m.

FLUTE - excel cond, \$100; lt. brown lounge, v. good cond, \$50; girl's ice skates, like new, size 6, \$12. Ext. 2517 or 2670.

WEAREVER - 9 pcs. Kitchen pots, 4 pots w/covers, 1 fry pan, s/s clad alum. \$20. Les, Ext. 4074.

BICYCLES - boys 3 spd Ross, hi-rise, v.g. cond. \$35. girl's bike, \$10. Goodzeit, 286-0271.

CHILD CAR SEAT - black, good cond. \$20. 727-4859.

TENNIS RACQUETS - 3 Wilson Advantages \$15-\$20, excel cond, need stringing. Billy, 289-2691 after 7 p.m.

AMPEG GUITAR AMP -120 watts RMS (2) 12" speakers, reverb tremolo equalization, mint cond. \$350. C. Zein, Ext. 3950.

SEWING MACHINE - Singer portable, \$30, wet/dry shop vacuum cleaner, 5 gals., like new. \$20. Loan, 928-6017.

GIRLS'S BICYCLE - Ross, 26", blue w/basket, \$35. Ext. 4413 or 821-0144 after 5 p.m.

THOMAS SPINET ORGAN - Model Jester #132, Mini-Mate rhythm unit, excel cond, extras. \$700. F. Miller, 589-4204.

GAS DRYER - Maytag, good cond. \$60. 589-2127 after 6 p.m.

LOOM - 45", 4 harness Le Clerc in excel cond, w/bench. \$650. Eleanor, 286-1592.

MATTRESS - & boxspring for double bed, \$100. Ext. 3189 or 751-2070 eves.

ATTIC STAIRS - pull down type, very sturdy. 281-2002.

LANE HOPE CHEST - like new, cedar interior, tapestry top, dark finish. \$180. 472-0739 after 7:30 p.m.

ORGAN - electric Orco, 37 keys, 50 chords, maple. \$25. 727-4884 after 6 p.m.

HOLIDAY SPA -VIP membership, that's for life, good christmas present. \$300. Ext. 3762 or 289-5402.

REFRIG - GE, roll-out freezer, Avocado, 17 cu. ft., 12 yrs. old. \$75. Pat, Ext. 7120.

DRAFTING TABLE - wood 36"x72", good cond. \$25. Tan, Ext. 4964.

CAMERA - 35mm Pentax spotomatic w/50 mm lens, 135mm lens & Vivitar 251 strobe. \$175. Ext. 4244.

ANSCO CADET II - camera, \$5; Intercom, \$10; 35mm camera needs repair, \$7. new slipcover for club-chair, reasonable. 331-1162.

FREE - Westinghouse washer, front loading, in working cond. Wolf, Ext. 2608 or 751-7078 after 6 p.m.

BELL R/T HELMET - new, still in box, red, 6-3/8. \$30. Lou, Ext. 2302.

MEN'S BICYCLE - Ross, 5 spd, excel cond. Asking \$60. 286-3742 eves/wkends.

TOASTER OVEN - \$15; 5 Nutone Intercom Stations, \$3. ea; Mercruiser service manual, \$5; Garrard changer, \$15; am/fm car radios, \$10 - \$15. Randy Ext. 4636 or 277-3451.

PANASONIC - auto reverse cassette deck, 12V. \$40. 878-8847.

BOEKAMP QUARTZ HEATER - instant concentrate warmth, like new. \$40. 924-3236.

SKI BOOTS - Nordica, 2 pr. sz. 8 & 9, \$25. ea; K2 Sinterheat skis 190 cm, \$25; Antique Hall seat, bevelled mirror, excel cond. \$700. Ext. 7130.

BICYCLE - 27" frame, 10 spd, silver Nishiki, \$50. Bill, Ext. 7688.

INSTANT PHOTO CAMERA - Kodak colorburst w/flash, practically new, reasonable. Ext. 2460 or 744-9822.

ROMAN SHADES - wooden, 4-6', \$15. ea; 4 pr beige/black/gold 90" drapes. \$20. ea. 473-0058.

COLOR TV - 25"; typewriter Remington portable; heater, hamburger maker; misc. items. Ext. 3027.

CORNINGWARE - 10" covered skillet, for oven, freezer, or microwave, \$17; electric hot tray. \$5; both brand new. S. Spark, Ext. 4111.

AKC - Cocker Spaniel puppies, Buff & white, M, 10 wks. 286-2821.

COMMERCIAL SIZE - Regina floor scrubber, can be used as polisher. \$50. Ext. 4420.

MOTORCYCLE JACKET - black leather, like new, size 46, \$100. or best offer, must sell. Sheldon, Ext. 3354.

TURNTABLE/CHANGER - dual #1019 w/new cartridge, as is, best offer over \$50. Alyce, Ext. 2902.

ROCK CLIMBERS - Summit Magazine, July 63-June 72, Popular Mechanics Magazine, 1957-1974, complete. Dennis, Ext. 4259 or 736-2534 after 6 p.m.

PING PONG TABLE - ½" thick, folds for storage. \$40. Ext. 4413 pr 821-0144 after 5 p.m.

### 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

BELLPORT VILLAGE - 3 bdrm high ranch, l/r, f/r, den, lg, eik, att. garage, deck, 1½ baths, short walk to Kreamer St. schools. \$42,000. 286-8166.

### For Rent

MEDFORD - Blue Ridge Condo, 1 bdrm, l/r, d/r, prep. kit, util. rm, wash/dryer, w/w, central a/c, patio, prime location, in/out pools, tennis, golf, spa. 698-4516 eves.

PATCHOGUE VILLAGE - 2 bdrm apt., garage, fenced yard, near shopping etc. 289-0012.

WADING RIVER - secluded sm. house, furnished 1 bdrm. \$250/mo. plus util. 929-4530 after 7 p.m.

MIDDLE ISLAND - 3 bdrm, furnished house on quiet river, 5 min. from Lab. 924-3755.

YAPHANK - 1 bdrm. furnished bungalow w/garage, available through May. Suitable for 1 or 2 adults. \$225. 475-0002 after 5:30 p.m.

BELLPORT VILLAGE - 1 bdrm. unfurn. apt., 2nd floor, priv. entr, eik, garage, near golf, tennis, bay, shopping. \$315/mo. lease, util. included. 286-8850.

NORTH SHIRLEY - housemate to share lg. house, 4 mi. from Lab, all appl., cable TV, furn., female, non-smoker preferred. \$200/mo. util. incl. Paula, 924-4685 eves.

JAMESPORT - 3 bdrm house, lg. l/r, d/r, lg. sun porch, pantry off kitchen, walk to beach & local stores, quiet area, available Dec. 15th. \$325/mo. 722-4330.

E. PATCHOGUE - 3 bdrm. furn. house, gas heat. Feb. 1 to June 30, 1981. \$250/mo. plus util. J. Olson, Ext. 3382 or 289-8629 after 7 p.m.

RIDGE - 2 bdrm townhouse, w/w carpet, central a/c, 2½ mi. from Lab. \$375/mo. Ext. 3541 or 924-4070

### Wanted

CHEVY VEGA - any year, engine drivetrain not important, must be clean inside/outside. 744-3968 after 4.

PAPER HANGERS - I need someone to wallpaper at a reasonable price. Diane, 929-6748.

SMALL WOOD - cutting band saw, reasonable. Laffer, Ext. 3354.

USED WARM AIR - oil fired furnace, reasonable. Bill, Ext. 4052.

HOME FOR DOG - puppy found, can't keep - housebroken. 732-3073 after 5 p.m.

TWIN BED - box spring, mattress, bureau, 3 to 4 drawer. Ext. 3139 or 585-5256 eves.

GOOSE DECOYS - field type, shells. Ext. 3357.