



# BROOKHAVEN BULLETIN

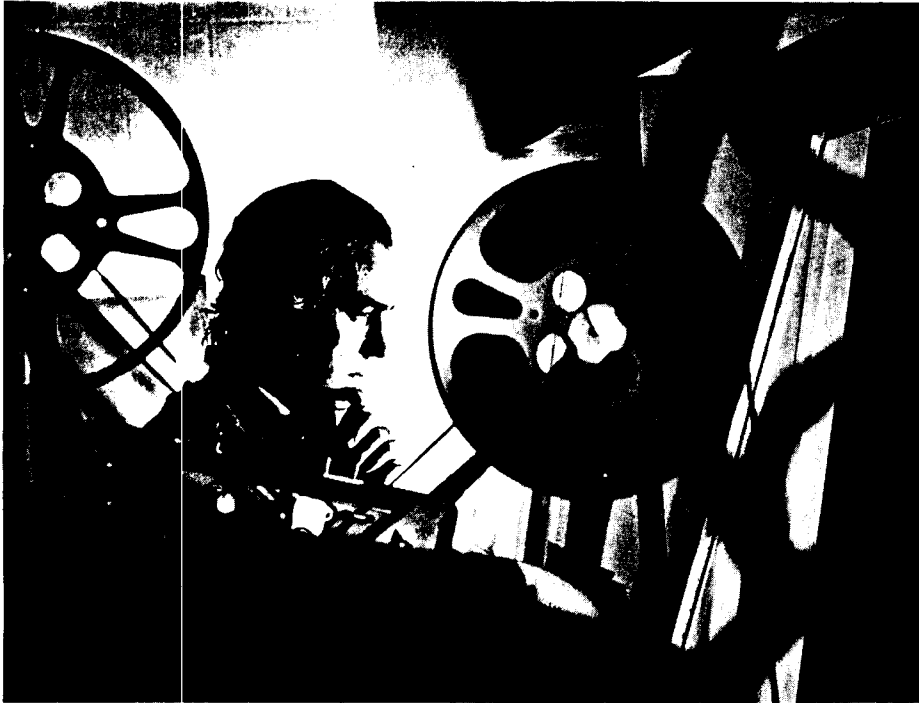
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December 7, 1972

## Documentary Film Lecturer



Pegram Lecturer Colin Low checks the screening of "The Sea," a color documentary produced for the National Film Board of Canada. This superb film was one of the many shown during the course of Low's three lectures presented last week in Berkner Hall.

## Cotzias Invited to Present Harvey Lecture

On December 14, Dr. George C. Cotzias will present an invited paper entitled "Levodopa, Manganese and Degeneration of the Brain" before the Harvey Society in New York, thus becoming the second person from BNL ever to be so honored. The first was Dr. Donald D. Van Slyke.

The Harvey Society, founded in 1905, is named after William Harvey, the discoverer of the circulation of the blood, who was born in 1578 and died in 1657. Since its founding, the Harvey Society has grown to become one of the most renowned medical organizations in the world, and one of the most prestigious platforms for its invited lecturers.

The Society, in its announcement of the Cotzias lecture, stated, "One of the major therapeutic contributions of this generation is the discovery that dihydroxyphenylalanine (DOPA) can reverse most or all of the major manifestations of Parkinson's Disease. Dr. Cotzias' remarkable achievement came only after a long series of fundamental investigations into the metabolism of the brain, which began with the identification of the mitochondrial localization of monoamine oxidase, indicating the mitochondrial uptake of biogenic amines. Convinced of the biological importance of manganese, Cotzias showed that the mitochondria were also sites of preferential uptake for this trace metal . . . Cotzias . . . used DOPA in large and sustained doses with remarkable and now well known results. This specific and marked effect of DOPA has stimulated many other investigators to find potentially similar answers to other unsolved neurological diseases."

Dr. Cotzias, when asked about being an invited Harvey lecturer, stated, "This is the most meaningful singular honor in my life. The selection committee members, in consultation with specialists, are well versed in medical research in the life sciences throughout the world, and are known to be meticulously selective. I feel particularly gratified that the invitation came after the not inconsiderable amount of controversy about our work and results here at Brookhaven regarding the practical application of the L-Dopa treatment."

Dr. Cotzias will introduce his topic with these words. "Some gifts of science to humanity, like quinine, digitalis and penicillin, are admittedly consequences of collisions between a biological accident and an alert observer. Other great drugs like the steroids and the insulins are consequences of making, testing, rephrasing and retesting scientific hypotheses. The first process appears to be inhibited by direct promotion, particularly if flagrant. The second is eminently responsive to changing social and scientific needs; it can proceed with equal validity on the wards and in the laboratory; its excitement and pace are heightened if it proceeds in both; and it spawns instead of inhibiting happy accidents."



Dr. George Cotzias discusses his research with Pegram Lecturer Colin Low.

"These points illustrate perhaps the method, the outlook and the spirit of the work to be presented in tonight's personal account. Our past history ends with our having treated two hitherto unmanageable degenerations of the brain with levodopa. Levodopa brought challenges which we present in our current progress . . .

"It is an omen of good luck that this account is given at the Rockefeller University, since it is here that our story was started, as my partners and I gratefully acknowledge. It is an honor to present it as a Harvey Lecture, since, to paraphrase Sir Frances Bacon, the Harvey Society 'rings the bell that calls the wits together'."

Dr. Cotzias will present his lecture at 8:00 p.m. on Thursday evening, December 14, 1972, in the Caspary Auditorium of Rockefeller University, located at East 66th Street and York Avenue in New York City. Admission is free and anyone interested in attending is welcome.

## Pedal Pushers Pump For Path

An unorganized group of bicyclists who work at the Lab have endorsed the efforts of the North Shore Bicycle Path Committee to persuade the County Legislature to build bicycle paths in Brookhaven Town.

The group, which includes sedentary scientists, eager teenagers, and just plain bicycle buffs, asks that Laboratory employees join in writing to the County Executive in favor of such a path.

A proposal has been made to construct one path along the William Floyd Parkway, and another along the Long Island Lighting Company right-of-way that runs from Port Jefferson to Wading River.

Ralph Giallorenzo of the Accelerator Department is the Chairman of the North Shore Bicycle Path Committee, and will supply further information to anyone interested in joining in the drive for such a path.

## United Fund Campaign

The close of the 1972 campaign of the United Fund of Long Island has been extended for an additional eight days to December 15, it was announced today by the Campaign chairman.

The total amount received in the UFLI campaign up to November 30 was \$1,938,521, representing 48.5 per cent of the 1972 goal of \$4,000,000. The money is used to help support 96 non-profit agencies and hospitals in Nassau and Suffolk counties. The campaign was originally scheduled to end December 7.

According to John N. Dyer of Oyster Bay, United Fund campaign chairman, "The results are slow in coming in this year, slower than in previous years. We hope that this extension will enable people who have not yet filled in a pledge card to share the Christmas spirit with the United Fund."

## Stamps Available

The 1972 commemorative stamp folders are now available at the Upton, N.Y. Post Office. It is a mini-album and the kits contain 31 commemorative stamps. It features the first U.S. postage stamp issued 125 years ago in 1847, and has a likeness of Benjamin Franklin, our first Postmaster General. The album sells for \$3.00.

## Hospitality News

There will be a hospitality coffee on Friday, December 8, from 10 a.m. to noon, in apartment 7B here on site.

Bring the children - everyone is welcome.

## Superheavy Element Search To Be Described By Prince

Augustus Prince, DAS, will describe the search for superheavy elements in the 115th Brookhaven Lecture on Wednesday, December 13 in Berkner Hall.

In his lecture Mr. Prince will discuss the history and events leading to the search for superheavy isotopes. The various laboratories throughout the world engaged in this endeavor and results obtained thus far will be detailed.

The current status and mechanical methods for predicting such properties as binding energies, fission barriers, stability and modes of decay will be explained. He will also discuss the prevalent methods for artificial production and investigation of their natural occurrence. Possible applications of these discoveries and techniques will also be discussed.

Gus Prince was born in Philadelphia and attended the University of Pennsylvania where he received his bachelor's degree in physics in 1953. He received his master's at Drexel in 1957, and completed his PhD course requirements in 1961 at the University of Cincinnati.

Since graduation in 1953, he has been a research physicist at RCA Laboratories and a senior physicist at General Electric. From 1962 to 1964 he was a Lecturer in atomic and nuclear physics at the University of Cincinnati. In 1966 he joined the staff at Brookhaven as associate physicist in the Department of Applied Science.

His work involves theoretical analysis of neutron cross sections for fast breeder reactors, and nuclear reactions and studies for production of transuranium isotopes.

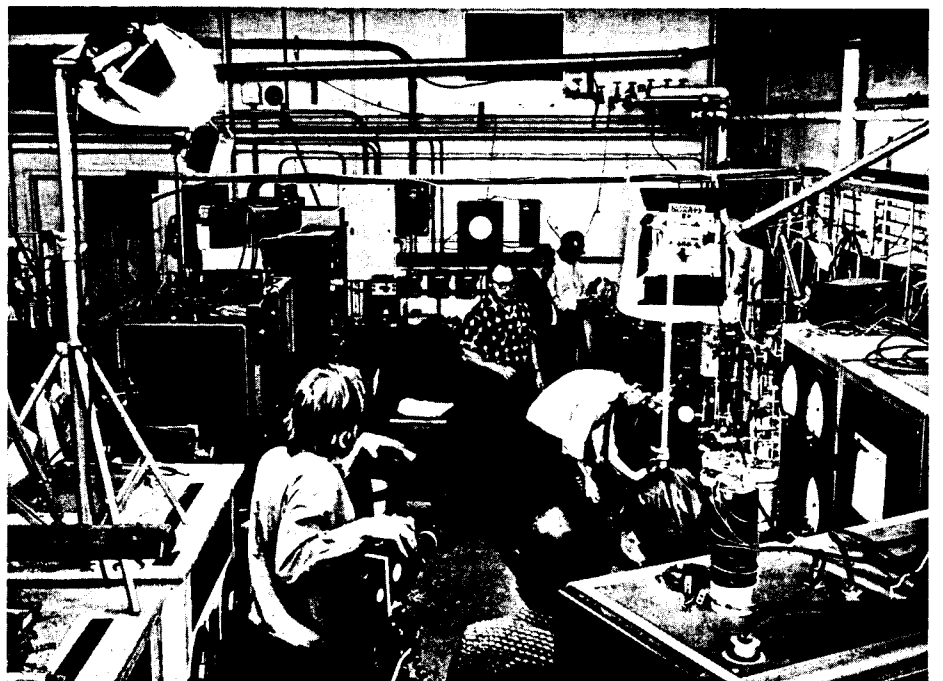
He has been active at scientific conferences and member of many committees of a technical, scientific, or sociological purpose.

Gus and his wife, Willa live in Port Jefferson.



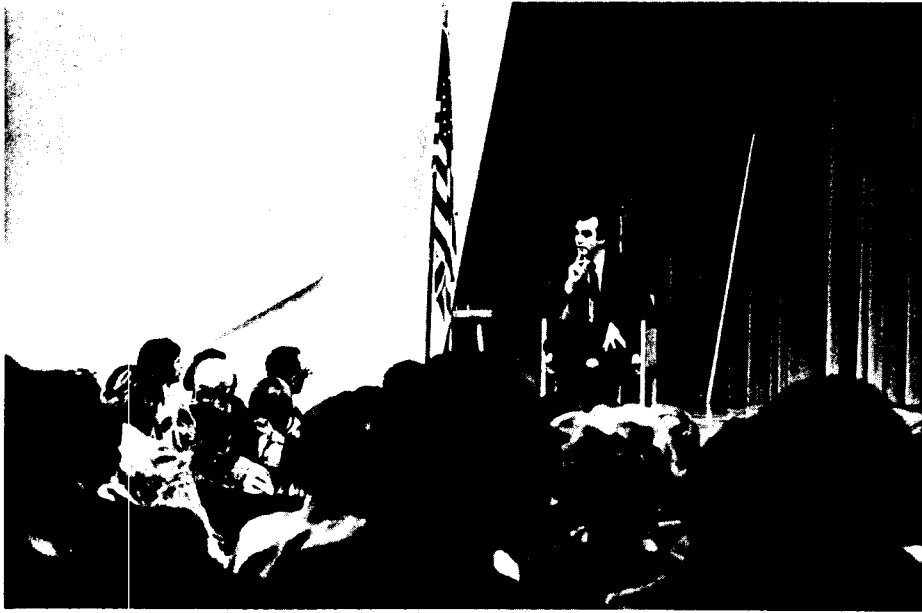
Augustus Prince

## BBC Films At Brookhaven



BBC Film crew sets up in a laboratory of the Department of Applied Science to film the research on metal hydrides being done at Brookhaven.

**Pegram Lecture Pictures**



A thoughtful Colin Low answers a question from the audience at the conclusion of one of his lectures. Mr. Low's lecture format consisted of a brief introduction followed by a screening of a film or films, and ended with a lively discussion period with members of the audience.



Colin Low toured many areas of the Lab to see graphic means of portraying research. In the Biology Department he was shown a molecular model by Anthony Nunes.



At an informal reception following each of Mr. Low's lectures, staff members and guests had an opportunity to chat with the Pegram speaker.

**BBC Films Research On Metal Hydrides At BNL's DAS**

On Friday, December 1, a film crew from the British Broadcasting Corporation-TV visited BNL to film a sequence with Jim Reilly on the application and safety of using metal hydrides as a storage medium for hydrogen.

The BBC-TV is doing a series of three one-hour programs on the current energy problems facing the world and the alternative sources of energy under development for future use. It is not known when, if ever, these programs will be aired in the United States.

Nuclear energy, particularly the fusion reactor, is often cited as the ultimate answer. However, even before the fusion reac-



Jim Reilly, DAS, (left) discusses filming procedures with Director Simon Campbell-Jones of the BBC.

tor becomes practical, the promise that nuclear energy can supply all the nation's energy needs can be effectively fulfilled by using the fission process to manufacture storable and transportable synthetic fuels.



A technician takes a light reading before filming Al Holtz preparing an experiment.

Hydrogen has the necessary properties and can fulfill the role of an energy source derivable from a primary source, i.e., a nuclear power plant, by simple electrolytic decomposition of water. Hydrogen can be substituted as an essentially pollution-free fuel for petroleum, natural gas and coal in almost all industrial processes and domestic energy needs, and further can be used as a fuel for fleet vehicles, buses, cars, etc., using current engines or the new rotary engine.

A key technology required for implementation of hydrogen as the fuel of the future is storage. The safest and most practical means is to use metal hydrides at ambient temperatures, which is under development at Brookhaven National Laboratory. The technique involves the construction of a storage tank filled with a metal or alloy which is charged with hydrogen to form a stable hydride such as iron-titanium hydride (FeTiH<sub>2</sub>) or magnesium hydride (MgH<sub>2</sub>). The hydrogen is released from the hydride by ambient heat, or the addition of heat such as from an operating automobile

engine, and is released from the tank for burning by a simple valve.

At BNL the hydrogen fuel research is centered in the Department of Applied Science under Warren Winsche. Besides Jim Reilly, others who have worked on the overall program include Kenneth Hoffman, Frank Salzano, Dick Wiswall, Vance Sailor, Walter Sevan, Jerry Strickland, John Hughes, Al Holtz, and George Kissel. Tom Sheehan, formerly Head of Engineering at DAS, was involved in the original development and is now a consultant to the program.

**Ramey To Talk At Next ANS Meeting**

AEC Commissioner James T. Ramey will be the guest speaker at the next meeting of the Metropolitan Section of the ANS on Tuesday, December 12.

The meeting will be held at the New York Academy of Sciences, 2 East 63rd St. with lunch served promptly at 12:30 p.m. The luncheon will be preceded by an Executive Committee meeting beginning promptly at 11 a.m. Commissioner Ramey will talk at the conclusion of the luncheon.

**World of BNL**

The radio program, World of BNL, is broadcast every Sunday over two AM and two FM stations, as follows: at 8:15 a.m. over WBLI-FM (106.1), Patchogue; WRCM-FM (103.9), Riverhead; WHRF-AM (1570), Riverhead; and at 11:15 p.m. over WGLI-AM (1290), Babylon.

This Sunday's guest will be Dr. Gen Shirané and Chalmers Frazer, who will discuss Research Reactors and Solid State Physics (Part II) with host Norb Dernbach.

**Check Your License!**

A reminder - With the year's end approaching, many driver's licenses will be expiring. When you renew, it's a good idea to check your Government Driver's License as well. Whenever practical, these are issued to expire at the same time as your personal, State driver's license.

In the event your Government Driver's License does require renewal, you will find all departments or divisions have application forms (AEC-97) which should be approved and sent to the Security Office.

SPI-5-05 states "All persons who operate a government vehicle at any time, either on site or off site, must possess a valid Government Motor Vehicle Operator's Identification Card."

**Medical Insurance For Dependent Students**

Children of Laboratory employees are regularly covered under the employee's Family Medical Insurance Plan until the December 31st following their nineteenth birthday. Dependent Student Coverage is available for a child over age nineteen provided he is attending school on a full time basis and provided the employee applies for the coverage.

If there is a full time student in your family who will reach age 19 this year, be sure to apply for Dependent Student Coverage on his behalf as soon as possible. There is no additional premium required to obtain this coverage.

Application can be made at Personnel Services, 58 Brookhaven Avenue. Further information can be obtained by calling Extension 2877.

Employees with children who are no longer eligible for Dependent Student Coverage, should notify Personnel Services immediately.

**Cooking Exchange Holiday Buffet**

The Cooking Exchange welcomes you to their Holiday Buffet.

It is being held December 14, 1972, at the Recreation Building, from 4:00 to 6:00 p.m.

Admission by preparing your favorite dish for all to share and the usual fee.

Please call to let us know what you will bring.

- Ruby Fajer 473-4715
- Jane Love 286-1136
- Sue Kinsey 286-0407
- Terri Pittinger 286-9471

Husbands welcome after working hours. Babysitters as usual.

**One-Year Appointment**

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 1973-74. Visiting Scientists will normally be appointed for a period of one year.

Those interested in applying should send a letter and their choice of supporting material to the Director, General Sciences Department, IBM Thomas J. Watson Research Center, Yorktown Heights, New York, 10598 by January 1, 1973.

Further details posted at Office of Scientific Personnel, 40 Brookhaven Ave.

**Chemical Value of Body Put at \$3.50 to \$653.50**

It used to be said that the chemical value of the human body was 98 cents. But that value is increasing, according to Chemical and Engineering News.

The publication reported last month that at current chemical prices the adult human body was worth \$3.50.

Commenting on this estimate, W.D. Noteboom, a bio-chemist at the University of Missouri at Columbia, wrote to the publication, saying it had failed to include the chemical worth of human blood serum.

An adult male has about five liters of blood, which contains the precious, life-saving serum, and Mr. Noteboom estimates that this alone would be worth "an absolute minimum of roughly \$650." Add \$650 to \$3.50 for a total of \$653.50, presumably the chemical value of the human body.

**Retirement Contribution Rate Reduced For 1973**

The rate of required employee contribution to the Laboratory Retirement Plan will be reduced effective January 1, 1973.

The new required employee contribution rate will be zero on base salary up to \$12,000 per year and 5% of base salary over \$12,000 per year. Presently, the required contribution is zero on the first \$9,000 in base salary, 2½% of salary between \$9,000 and \$12,000 per year and 5% of salary over \$12,000 per year. The reduction in contribution will cause retirement incomes to be slightly lower than their currently projected levels.

There will be no change in the rate of Laboratory contribution which remains at 10% of each participant's base salary.

Each employee currently contributing to the Retirement Plan will receive a statement indicating his present contribution and the scheduled reduction in contribution as a result of this change. Weekly employees will receive their statements on December 7 and monthly employees on December 20.

Those employees who do not wish to have their contribution reduced will be able to authorize an equivalent voluntary contribution to offset the reduction in required contribution. A detailed announcement and an authorization form for the purpose of compensating for the reduction will accompany each employee's statement.

**Cafeteria Menu**

**Week Ending December 14, 1972**

<b>Friday, December 8</b>	
Fish Chowder	
Fried Fillet Sole w/Tartar Sauce & French Fries	.95
Codfish Cakes & Spaghetti	.85
Baked Beef Loaf w/Savory Gravy & 1 Veg.	.90
<b>Monday, December 11</b>	
Cream of Tomato Soup	
Short Ribs of Beef & 1 Veg.	.99
Beef Ravioli w/Parmesan Cheese & 1 Veg.	.90
Beef Livers w/Smothered Onions & 1 Veg.	.90
<b>Tuesday, December 12</b>	
French Onion Soup	
Salisbury Steak w/Brown Gravy & 1 Veg.	.90
Frankfurters Rolled in Bacon w/Baked Beans & Cole Slaw	.85
Sliced Turkey & Stuffing w/Cranberry Sauce, Giblet Gravy & 1 Veg.	.90
<b>Wednesday, December 13</b>	
Vegetable Soup	
Chinese Pepper Steak on Rice	.90
Old Fashioned Chicken Pie w/Biscuit Crust	.95
Flounder Stuffed w/Crabmeat, Tartar Sauce & 1 Veg.	.90
<b>Thursday, December 14</b>	
Turkey Noodle Soup	
Grilled Monte Cristo Sandwich w/Pickled Beets	.85
Veal Patty w/Noodles Oregano	.85
Braised Beef a la Mode & 1 Veg.	.95

**Arrivals & Departures**

**Arrivals**

- I- Hung Chiang ..... Physics
- Mohammad M. Habibi ..... Physics
- David L. Larsen ..... Biology
- Jorge S. Mendez ..... Medical

**Departures**

- Mary Ann Austen ..... Applied Math
- Allen Bennett ..... Biology
- William J. Brynda ..... Reactor
- Michael J. Butler ..... Applied Science
- Jerome S. Danburg ..... Physics
- Robert M. Friedman ..... Chemistry

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Published Weekly for the Employees of Brookhaven National Laboratory

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NORBERT J. DERNBACH  
Public Relations Officer

## Are You One of the 400?

The BNL Directory Service run by Lab Telephone Operators lists all employees and guests. Most listings include a home telephone number. Four hundred do not. Operators do not give out any home numbers without permission of the individual involved, except in emergencies. Unlisted numbers are never given out, but rather used when necessary to advise the holder of an urgent call. Therefore it seems that there is nothing to lose, and possibly something to gain by providing a home number to the Operators.

If you are one of the 400, or have had a recent change in your home number, please put your name, life number and home telephone number on a small memo and address it to A. Anger, 179B.

## Service Awards — December 25 YEAR

Biesel, Harry ..... Supply & Materiel  
Eriksen, John ..... Plant Engineering  
Hicks, Harold ..... Supply & Materiel  
Higinbotham, William ..... Applied Science  
Michaelis, Edward ..... Fiscal  
Stang, Louis ..... Applied Science

### 20 YEAR

Levy, Paul ..... Physics  
Kopp, Lola ..... Applied Science  
Quinn, Wilma ..... Director's Office

### 10 YEAR

Crockett, William ..... Biology  
Davis, James ..... Accelerator  
Dorfer, Thomas ..... Plant Engineering  
Fedelem, Joseph ..... Applied Science  
Kadow, Casimir ..... Accelerator  
Klein, J. Dennis ..... Accelerator  
Kollmer, William ..... Accelerator  
LoRe, Charles ..... Shops  
McFetridge, Lloyd ..... Photog. & Graphic Arts  
Meade, Anthony ..... Mechanical Engineering  
Medeck, Otto ..... Security & Plant Protection  
Mooney, George ..... Mechanical Engineering  
Nichols, Barbara ..... Physics  
Pisco, Nicholas ..... Staff Services  
Sieger, William ..... Accelerator  
Speidell, George ..... Accelerator  
Spencer, Robert ..... Supply & Materiel  
Stepnoski, Bernard ..... Accelerator  
Wilcenski, John ..... Accelerator  
Zukowski, George ..... Plant Engineering

## Selected Reading

**Perspectives Biol. Med. 16, No. 1, 1972**  
Joel Hildebrand, described by himself. 88-111  
Science and the problem of values. R.W. Sperry. 115-30

**New Scientist 56, November 9, 1972**  
A Precambrian nuclear reactor. H. Brabyn. 342-3

**New Scientist 56, November 23, 1972**  
Citizens v. atomic power. R. Lewis. 450-2

**Science 178, November 17, 1972**  
Politicalization in science. J. Haber. 713-24

**Science 178, November 24, 1972**  
Salk Institute: An elitist pursuit for biology with a conscience. N. Wade. 846-9

Particle physics: Many results, surprising disclaimers. W.D. Metz. 852-3

Power production, health and the environment. Remarks by Dr. James R. Schlesinger, Chairman, U.S. Atomic Energy Commission, before the 100th Annual Meeting, American Public Health Association, Atlantic City, New Jersey, November 14, 1972. Press Release No. S-19-72, November 14, 1972

Management of commercial high-level wastes. Remarks by Dr. Frank K. Pittman, Director, Division of Waste Management and Transportation, at the American Nuclear Society Meeting, Washington, D.C., November 16, 1972. Press Release No. S-18-72, November 16, 1972

The international nuclear market. Remarks by William O. Doub, Commissioner, U.S. Atomic Energy Commission, before the Executives' Club of Chicago, Chicago, Illinois, November 17, 1972. Press Release No. S-20-72, November 22, 1972

## Pool Schedule

Weekdays  
12:00-1:30 p.m. — Employees only  
5:00-9:30 p.m. — Employees, Family, Visitors

Sat.—Sun.  
1:00-6:00 p.m. — Employees, Family, Visitors

### ADMISSION FEES

Daily Tickets  
Employee or Family Members ..... 50¢  
Visitors ..... 75¢

Season — October 16 — February 10  
Employee or Family Members ..... \$ 5.00  
Family — (Immediate Family\*) ..... \$10.00

\*Members of employees family residing in his or her household.

## Creation

"Creation," a recent one act comedy by Claire White, will be presented in Berkner Hall, next Monday evening by members of Theater Three, Inc. The play is directed by June Lewin, and performed by:  
Natalie White as "Eve"  
Lewis Bloch as "Adam"  
Margo Youree as "The Snake"  
Scott Williams as "God"

All BNL employees, family, and friends are welcome to attend this program, following a brief business meeting of the BERA Theater Group in the Lobby at 8 p.m. After the program, an informal discussion will be held with the cast, director, and authoress. Refreshments will be served.

## Chess Club

There will be no meeting of the Chess Club on December 14 and 21, because of the scheduled Christmas Parties at the Recreation Building.

We have received a catalog of chess supplies from the United States Chess Federation and will be taking final orders for chess sets and scorebooks tonight, Thursday, at our meeting. All orders must be paid in advance.

The Round Robin Tournament is proceeding well. The early results already show several strong players. Upon completion of the tournament a club ladder, along with a challenge system will be established.

For further information call George, Ext. 3298 or Tom, Ext. 3297 or come to tonight's meeting.

## Camera Club Meeting

The December meeting of the Camera Club will be held on Tuesday, December 12 at 8 p.m. The meeting will be in the Pisces Room (upstairs) in the Recreation Building.



Grace Fales

### Green League

11/21 - Congratulations to J. Berech who won his Club Award with a 212/601 series. Other 200's were rolled by R. Jones 227, M. Bull 210, J. Lee 211, R. Meier 203, and R. Barberich 203. 11/28 - Congratulations to C. Vogel with a 684 gross series, K. Thomson 760 gross, and E. Meier 601 scratch, each earning their Club Awards. 200's for the night were: E. Meier 232, K. Thomson 230, C. Vogel 221, J. Ferrero 211, J. Berech 211, J. Lee 208, D. Klein 207, M. Elliott 207, D. Abeshouse 207, J. Scesny 203/204, C. Zavesky 203, and S. Kiss 202.

### Red League

The Anachems won the first round beating out the Neutrons, Soc-Et-Tuum's, and Lucky Strikes. Highs for 11/28: J. Eriksen 200, C. Buzzeo 205/211, V. Bilms 205, C. Bachsmith 201, and J. Ferrante 209. Other highs for November - 11/21: S. Frei 235, R. Nelson 220, E. Malcolm 204, E. Fales 204, V. Bilms 214, N. Carter 201/211, and M. Petty 696 gross series. 11/14: C. Buzzeo 203, J. Walker 207, R. Nelson 203, G. McGovern 203, S. Frei 212, P. Klotz 200/221, L. Newman 205, R. Wilson 200, J. Petro 208, N. Carter 203, W. Kristiansen 210, R. Larsen 206, and E. Malcolm 224. 11/7: E. Malcolm 218/239/621 scratch series, C. Buzzeo 202, W. Reams 233, and R. Marlow 253.

### Pink League

The Medi-Tarsals and Pick-It-Ups socked it to their opponents by taking seven points each. Seems they had energy to spare after the holiday. All members of these teams deserve "honorable mentions," being near or well over their averages. Also bowling good games were: Marie Brenner 167, Ruby Burwell 169, Audrey Bangel 177, Marie Follenius 177, Helen Caisey 183, and Josephine Gazzola 186. We won't mention series this week!!

### Black and Blue League

As the second third of our season starts, the Odd Couple and the Maybe's are tied for 1st place, with the Caisey Cats close behind. In fact all the teams are very close with many ties and it is anybody's game as yet. Highs for the night were Roy Marlow 211/506 and Allan Diebel 213/546. Come on girls how about showing the men what we can do next week!

## Gymnasium Schedule

November 7, 1972 through April 1973  
(Revised 11-16-72)

**Monday**  
5:00-8:30 Volleyball League (Mixed) (2 matches)  
7:00-8:30 Volleyball League (Mixed) (1 Match)  
7:00-9:30 General Activities

**Tuesday**  
5:00-7:00 Judo Club  
5:00-9:30 General Activities

**Wednesday**  
5:00-8:30 Volleyball League (Men) (4 matches) 5:30, 7:00  
8:30-9:30 General Activities

**Thursday**  
5:00-9:30 Basketball League (4 games - 5:30, 6:40, 7:50, & 9:00)

**Friday**  
5:00-7:30 Soccer League  
7:30-9:30 Tennis (by posted self-service reservation)

**Saturday**  
9 a.m.-12 noon Tennis (Sign up at Police Headquarters)  
12 noon-9 p.m. General Activities (Key at Police Headquarters)

**Sunday**  
9 a.m.-12 noon Tennis (Sign up at Police Headquarters)  
12 noon-9 p.m. General Activities (Key at Police Headquarters)

## Recreation Facilities Holiday Schedule

**Swimming Pool**  
Dec. 14 - 21 Normal Schedule  
Fri. Dec. 22 BNL 1/2 Holiday  
Sat. Dec. 23 Open 1:00 p.m. - 6:00 p.m.  
Sun. Dec. 24 Closed  
Mon. Dec. 25 Closed  
Dec. 26 - 29 Normal Schedule  
Sat. Dec. 30 Open 1:00 p.m. - 6:00 p.m.  
Sun. Dec. 31 Closed  
Mon. Jan. 1 Closed

**Recreation Building**  
Dec. 12 - 23 Reserved for Department Christmas Parties  
Dec. 24 - Jan. 1 Closed

**Gymnasium**  
Dec. 14 - 24 Normal Schedule  
Mon. Dec. 25 Closed  
Mon. Jan. 1 Closed

## Opera Tickets

We still have tickets available for the following performances:

Dec. 11 Faust  
18 La Boheme  
Jan. 2 Otello  
3 Pique Dame  
4 Un Ballo In Maschera  
9 La Traviata  
11 La Fille De Regiment  
15 La Fille De Regiment  
18 Pique Dame  
22 La Fille De Regiment  
23 Un Ballo In Maschera  
25 Macbeth  
30 Aida  
31 Macbeth

Please note: Ticket Sale unlimited, you may purchase any number of tickets for as many events as you wish.

## Nassau Coliseum Tickets

### Islander Hockey Tickets

Dec. 16 Philadelphia  
21 Vancouver  
23 Minnesota  
Jan. 2 Atlanta  
9 Los Angeles  
16 Minnesota  
23 California

### Net Basketball Tickets (\$6.50 seats for \$4.00)

Dec. 8 Virginia  
10 Memphis  
15 Kentucky  
17 Virginia  
22 Utah  
Jan. 3 Carolina  
5 San Diego  
10 Carolina  
12 Virginia  
17 Denver  
19 Memphis  
21 Dallas  
31 Virginia

Please Note: Ticket Sale unlimited, you may purchase any number of tickets for as many events as you wish.

## Badminton Birds

Good news for all badminton players! The annual **Badminton Open Ladder Tournament** starts on Tuesday, December 12, and will continue into the middle of April, allowing for about 16 weeks of competition. Last year the BERA Awards Committee awarded Participation Certificates to each entry who played a sufficient number of matches. It is expected that Participation Certificates will be available again this year.

Each entry is expected to schedule one match each week. Women will compete on even terms with men in two divisions, singles and doubles, and players may enter in either or both divisions.

Since all entries have ample opportunity to compete with others of like ability in a ladder tournament, any regular employee or full-time guest of any level of badminton competence is eligible to enter the tournament.

Eligible players who desire to enter the tournament may sign up now with John P. Binnington at the Research Library. A name and telephone extension is needed for each contestant. The ladder will be seeded initially and the standings changed weekly as results of play become available.

Names of late entries who sign up after next Monday, December 11, will be entered at the bottom of the ladder.

Rules of the tournament will be posted in the gymnasium near the badminton courts.

## BNL Rifle & Pistol Club

The regular monthly meeting of the BNL Rifle & Pistol Club will take place on January 10, 1973 in the Recreation Building at 5:10 p.m.

Election of officers for the year 1973 will be the order of business.

## Stony Brook Events

The State University of New York at Stony Brook offers an extensive schedule of activities open to community residents through the week. Unless otherwise noted, the events are free of charge.

### Friday, December 8

The University Theatre Department's updated version of Ibsen's classic play "Peer Gynt" is presented this evening and Saturday, December 9 at 8 p.m. in the Calderone Theatre, located in Bldg. B on the South Campus. Directed by Thomas Neumiller, the production uses the format of a three-ring circus with the actors dressed as clowns. Tickets are \$1 and reservations should be made in advance by calling 246-5681.

"The Boy Friend," a play by Sandy Wilson, produced by the Punch & Judy Follies, will be presented at 8:30 p.m. in the Glass Room, Stage XII Cafeteria. Tickets are \$2 and may be reserved in advance by calling 246-3673.

The Committee on Cinematographic Arts (COCA) will show "IF" plus two cartoon shorts at 7 p.m., 9:30 p.m. and midnight in Lecture Center Room 100. A limited number of tickets will be available at the door for \$1. The presentation will be repeated on Saturday, December 9, same time and place.

The University Orchestra conducted by David Lawton will present a concert of work — by Beethoven, J.S. Bach and Bela Bartok at 8:30 p.m. in the second floor lobby of the Administration Building.

### Saturday, December 9

The Stony Brook Union will present a Kiddee Matinee at 10:30 a.m. in the Union Auditorium. Today's program consists of Charlie Chaplin movies and Disney cartoons. Admission is 50 cents.

Flutist Nina Barwell will perform works by Vivaldi, Hindemith, C.P.E. Bach, Carter and Roussel in a recital for the Master of Music degree at 3 p.m. in Lecture Center Room 105.

### Tuesday, December 12

Tuesday Flicks will present "Caine Mutiny," starring Humphrey Bogart as Queeg, the neurotic ship captain against whom a mutiny occurs, and "Sahara," in which Bogart stars as a tank commander, at 8 p.m. in the Stony Brook Union Theater, admission free.

### Thursday, December 14

CED's The Cinema, A World Overview will present "Morgan," the story of a London painter's zany attempts to escape the pressures of daily life, starring David Warner and Vanessa Redgrave, at 8:30 p.m. in Lecture Center Room 100. A 1963 short by Chris Marker, "La Jetee," will also be shown.

## EMERGENCY PHONE NUMBERS

Medical ..... 2222  
Fire ..... 3333  
Police ..... 4444

# Classified Advertisements

## Autos & Auto Supplies

69 FORD CUSTOM - 4 dr sedan, 390 V8, auto trans, p/b, 4 new polyglas tires, excel cond. \$795. 878-2879.

68 FORD BRONCO - 4 w/d, 289 V8, full cab, needs some eng work. \$1000. Bette, Ext. 4105, 281-7763 eves.

71 DATSUN 2402 - 18,000 mi, fact air, am/fm, excel. \$3500. Frank, 744-1518.

71 KAWASAKI F-5 - 350 cc street & trail bike, 2000 mi, helmet, extras. \$650. Frank, 744-1518.

EXTRA SNOW RIMS - 13" for Falcon or Comet. Geo., Ext. 2043.

2-14" STEEL RIMS - For Ford or Cougar, like new, used only 1 season. \$5 ea. P.L. Borzi, Ext. 2972.

71 SUPERBETLE - Blue, 25,000 mi, excel cond, all access, excel tires, must see. Orig cost \$2600, asking \$1650. Dick, Ext. 4605.

62 CHEVY NOVA CONV - New top & trans, tuneup, good cond, reasonable. 286-1390 after 5.

TIRES - 4-9.15x15 w/w, used 1 mo, \$15 ea; 2-8.85x15 bw snows, \$5 ea. 288-1127 eves.

66 GTO CONV - Ps/pb, auto trans, radio, 389 eng, bckts, mags. George, MO7-7997.

69 LAND ROVER - Excel cond. \$2150. 878-4268.

SNOW TIRES - 2 Sears belted E78-14 w/w, used 3 1/2 mo, excel cond. Both/\$25. Barnes, Ext. 2236.

2-14" RIMS - 5 hole, Olds factory equipment. \$5/pr. Bill, Ext. 3571.

FRONT BRAKE SHOES FOR VW - \$5; 6.40x13 tire on rim, free w/purchase of brake shoes. Tony, Ext. 3636.

63 HILLMAN SUPERMINX - 4 dr station wagon, red/white, good cond, new water pump, muff, good for 2nd car. \$250 HR3-9773.

71 PONTIAC FIRE BIRD ESPRIT - Auto trans, loaded w/extras. \$2450. 588-4715 after 6.

63 MERCURY COMET CONV - 6 cyl, std shift, good running cond \$150. 281-5894 after 6.

64 MERCEDES 220S - Ps/pb, rebuilt auto trans, new tires, batt. 925-4540.

MUSTANG - 196 V8, auto trans, air cond, ps, r/h, snows, new tires, low mileage, many extras. Sacrifice, \$600 or best offer. 698-4855.

15" RIM - For 1950 Dodge; 2-2 bbl carbs, \$5. O. Booker, Ext. 4719.

66 CHEVY - 4 dr sedan, 6 cyl, auto trans, r/h, runs well but burns oil, inspected. \$125. 757-0160.

68 FORD COUNTRY SEDAN - 9 psgr, ps, front db, auto trans. John, 928-3016 eves.

69 MGB ROADSTER - Wire wheels, yellow/blk top, excel cond. Asking \$1475. L. Hart, 732-7911.

70 CAMARO - V8, good cond, w/snows, 45,000 mi. \$2000. Ext. 3376.

68 ROVER-TC - Good body, 4 as-new Dunlop 165HR-14SP, air cond, am/fm, eng needs rebore, whole or parts. Art, Ext. 4115.

2 HUB CAPS - For 65 Mustang. \$5. Rolf, Ext. 4028.

7.00x15 TIRE - Armstrong 8 ply, new. Walt K., Ext. 4089.

SNOW TIRES & RIMS - 2 Uniroyal H78-15, replaces 8.55x15. \$30. 585-3786 after 5.

7.50x14 TUBELESS TIRE - W/wheel, fits Chevy. \$5. Jack, Ext. 3464.

13" WHEELS - 4 lug, fit Comet or Falcon, \$6/pr; 12v gen, GM type. \$7.50; 2 bbl carb & manifold for Rambler, \$7; all good cond. Bob, Ext. 4652, 289-0357.

SNOW TIRE - 6.40x15 Pennsylvania tubeless. Ext. 4837, 286-9153.

70 JEEP COMMANDO - V6, 4 w/d, hubs, radio, new tires, low mileage, best offer over dealer's trade. R. Young, Ext. 4268, LT9-5755.

## Boats & Marine Supplies

1970 MERCURY OUTBOARD MOTOR - 50 hp. \$425. Pat, Ext. 3420, 281-7155.

19" SKIFF - Fiberglass top. \$250. Ext. 3368, LT9-6715.

SCORPION 12' FIBERGLASS SAILBOAT - Excel. 286-0798.

16' THOMPSON FIBERGLASS HULL 1968 - 60 hp Johnson, Cox trailer, top & cover, excel cond. 941-4581.

STARCRAFT 12' SUPER D - Evinrude 9 1/2, Tee Nee tilt trailer, many extras, all new (1972). Cost \$1200, best offer. Ext. 2482.

1 MONT WARD 3/4 HP - 1 Evinrude 7 hp outboard motors, were running last yr. \$25 ea. 757-0160.

COMPACT BOAT HEATER - W/thermostat, blower operates hot or cold, safety features. \$25. Jim, Ext. 3044, 941-4257 eves.

## Miscellaneous

CHINA CLOSET - Victorian style, glass in door, on legs, \$35 firm; infant's dressing table (clothing bins), \$7; 2 child's car seats, \$3 ea or 2/\$5. 727-1617.

EMERSON 23" TV & STEREO - Am/fm multiplex stereo radio, walnut cabinet, perf cond. \$175. R. DiLello, Ext. 4270, JU8-1964.

WASHING MACHINE - Sears, not working but repairable, free if you take it away. J. Opkins, Ext. 3434.

SSB LINEAR AMPLIFIER - 80 thru 10 meters, 1 kw 4-811's, plate & grid meters, 15 kv variable pwr supply, rack mtd. \$75. Bill, Ext. 4641.

RVR REALISTIC DX150 - Solid state, 550 khz, 30 mhz, 110 vac-12v oc pwr supply built in. \$60. Bill, Ext. 4641.

SET CHAMPLIN ENCYCLOPEDIA - \$5; Handyman's encyclopedia, \$10. Ext. 4030, LT9-7504.

TAYLOR TOT BABY WALKER & STROLLER - \$10; Magnus cord organ, \$5. Ext. 4030, LT9-7504.

69 STELLA MINI BIKE - Twist throttle, padded seat, extra chain links, size 6 1/2 helmet, 3 1/2 hp, excel cond. 842-3822.

BABY SWING-O-MATIC - \$6; baby walker, feeding table, reasonably priced. Ken, Ext. 4003.

20" BICYCLE - Girl's or boy's, red, w/basket, good gift, \$5. Roy, Ext. 2384, 878-0074.

CHRIS CRAFT DROP LEAF MAHOG TABLE - Perf cond. Jack, Ext. 3512, 475-7067.

CONTEMPORARY BEDRM SET - Best offer; Zenith TV, needs a little work, \$25; Jacobsen reel Manor lawn mower. Bob, Ext. 4615.

SEE LONG ISLAND FROM THE AIR - Beautiful by day - spectacular at night. \$5/person, sightseeing flights. Doris, Ext. 2441; Lou, 281-3423.

CASSETTE DECK - Harman Kardon, excel cond, w/cords, mikes, eraser, demagnetizer. Paul, Ext. 4047.

BABY SUPPLIES - Crib w/matt, \$18; changing table w/bath & shelves, \$5; 13" fireman's tricycle, \$8; 16" bicycle w/training wheels, \$1. Joan, 744-3919; Jack, Ext. 4447.

SINGER SEWING MACHINE - Portable, good cond. 286-8831.

GREY FORMICA KITCHEN TABLE - 3 upholstered chairs, leaf incl, \$15; metal 4-shelf bookcase lt wgt, \$3. 286-8805 eves.

ELEC GRILL - Sandwich toaster & waffle iron combo, only used few times. \$8. Ext. 2497.

CARPET - Runner 28"x11', bright red, \$6; 56"x10' moss green, can be cut for throw rugs, \$8. Ext. 2497.

BICYCLE - Man's 10 spd Schwinn, good cond. 286-0798.

FOOD, FUN, GAMES, BKS, WHITE ELEPHANTS - In Brkhn Sat 12/9. 286-0798.

BUGLE - Official BSA, good cond. \$6. 744-2070 after 6.

PORTABLE CHICKEN COOP - 12 sq ft shingled house w/perch & nesting box, 20 sq ft wired pen. Tim, 878-1071 after 4.

GE WASHER - Model WA730E, top loading, perf cond, used only 1 yr. \$100. 475-0994, 4-6 pm.

SKI JACKET - Down filled, made in Canada, men's sm, used a few times. \$25. Ext. 4172, 587-9372.

GEIMENHARDT SILVER FLUTE - Concert, excel cond. Cost \$130, sell \$90. Betty, Ext. 3747.

CYCLOGRAPH EDUCATION CENTER - World Bk product, mech teacher, all subjects. Cost \$80, sell \$35. Betty, Ext. 3747.

GIRL'S BICYCLE - New cond, ideal Christmas gift. \$30. P. Swan, 475-2629.

VARMINT RIFLE - Cal 22-250, like new. \$85. John, Ext. 3353.

PURE BRED BLK LABRADOR PUPS - No papers, 5 wks old. \$35, either sex. John, Ext. 3353.

KITCHEN SET - 8 mo old, 5 pcs, mod smoke glass top, chrome legs, white vinyl seats. Orig \$300, asking \$175. 698-4855.

SHETLAND SHEEPDOG - Female, 3 mos, shots. \$25. Flo, 286-9053.

US & FOREIGN COINS - Old (78) phonograph records; old elec Lionel train set. O. Booker, Ext. 4719.

POLAROID MODEL 958 CAMERA - W/wink-light attach model 252, very fine cond. \$25. B. Espensen, Ext. 3992.

PARSON'S TABLE - Gold, cost new \$90, sell \$40; high chair, steel. \$5. 751-8158.

8 TRACK STEREO TAPE DECK - \$15. W. Lundgren, Ext. 4278, 585-3794.

ICE SKATES - Canadian Flyer, Hockey, size 5, never used. \$13.97 new, sell \$10. B. Espensen, Ext. 3992.

TOYS - Good-excel cond; Lincoln Logs, 208 pcs; Mean Mountain Rumbler Set; 2 cyclists; others, prices negotiable. 286-0889.

GIRL'S BIKE - Blue stingray, good cond, banana seat, ages 7-10. \$30 or nearest offer. 286-0889.

8 TRACK STEREO TAPES - List avail, all tapes new. 2/\$5. C. Nielson, Ext. 4280.

FULL SIZED VIOLIN - Copy of the Stradivarius. 929-6276.

SWIVEL CHAIR - Old style, heavy, wood, adjustable hgt & back, needs refinishing. \$10. 589-2884.

TURNTABLE - Dual 1209, \$80; 17" b/w TV, \$15; 24 hr timer, \$5. D. Kreinick, Ext. 4819, Ext. 3244 eves.

NEW GENTS' DIAMOND RINGS - Direct from manufacturer, below wholesale prices; will also set your diamonds in a new modern ring. R. Horwitz, Ext. 4134.

4 MAPLE DIN RM CHAIRS - Excel cond, \$35; Stromberg stereo, blk cabinet, \$160; 30"x40" bevid mahog mirror, \$70; wrought iron chaise w/matt, \$10. Jim, Ext. 3044, 941-4257.

WOOD PLAYPEN - W/o pad, like new, used only 1 yr. \$5. 289-1242.

ROUND TOP LG ANTIQUE TRUNK - 22"h, 35"l, 18"w. \$30. 475-4199.

COMPL AM & CW STATION - 65 watt Elmack PMR8A, AFB, 1070 w/all manuals, 6-80 meters. Rolf, Ext. 4028.

CAMERA - 35 mm SLR Exakta VX w/leather case, f2.8 Ziess photo lens, semi auto, wide angle lens, extras. \$200. J. Zahra, Ext. 4634/4667.

COLT NATL GOLD CUP - Auto 38 mid range w/1 box wadcutters & 1 clip. \$165. J. Zahra, Ext. 4634/4667.

ORIG DEACONS BENCH - Excel cond, \$250; Victorian settee, circa 1880, good cond. \$150. 298-8555.

PORTABLE PHONOGRAPH - Monoaural w/new Sapphire stylus, 3 spd, beautiful case. \$20. Paul, Ext. 2489, 473-2507 after 5.

HO MODEL CAR SET - 7 cars plus parts, 50 track sections plus access. Paul, Ext. 2489, 473-2507 eves.

SKI BOOTS - Suitable for beginner, girl's size 6-6 1/2. Doris, Ext. 2441.

HOME WINEMAKERS SPECIAL - Empty bottles, gallon, 1/2 gal, fifths, free - you pick up. 281-3423.

FOLK GUITAR & CASE - Good cond. \$20. Wendy, 473-2754 after 6.

CW RELICS - All battlefield dug, 12 lb solid cannon ball, \$12; sm ball, \$5; Hotchkiss 10 lb shell, \$13. Joe, Ext. 4261.

40" STOVE - Bottled gas, grill in center, \$35; ski boots, buckled, size 8 1/2, \$20; ski boots, size 8, \$10; skis, 165 cm w/bindings, \$25. 475-7241.

SEWING MACHINE - Spartan by Singer w/table, \$35; 2 kitchen sets (table w/4 chairs), \$20 ea; bedrm set, 5 pcs, \$35; 7 pc din rm set, \$40. 475-7241 after 5.

POLAROID LAND CAMERA - \$20; girl's ice skates, size 3, \$1.50. 744-8087 after 6.

PORTO ORGAN - Imported from Italy, 5-octave, 10 voices, bass keys & extender, vibrato, hi-low blaster, low mileage. \$200. 744-8449.

FURN CLEARANCE - Sofa beds, tables, kitchen base cabinets & misc items - moving out of state. R. Vogt, 286-0692.

WIRE HAIR PUPPY - 1 female left, AKC reg, champion sired. \$75. 286-0104.

EVENING DRESS - Size 14, green/orange/lavendar stripes on chiffon, permanently pleated skirt, worn once. Cost \$65, sell \$35. Trudie, Ext. 3786, 286-0682 after 5:30.

2 PR BOYS' ICE SKATES - Size 4, good cond. \$3 ea. Charlie, Ext. 3499.

GUITAR - Gibson J50, like new. \$100. George, Ext. 3280.

SHORT HAIR COLLIE - AKC, papers, loves children, 3 yrs old. \$20. Ext. 4731.

HAIR DRYER - Hot box type, incl hose, hat, carry strap & case, hardly used. \$10. Laura, Ext. 2445, Mon-Thurs.

CONTEMPORARY BEDRM SET - Best offer; Jacobsen reel lawn mower, Manor. Bob, Ext. 4615.

GUITAR - 3/4 size, new nylon strings, good cond, \$10; boy's ice skates, size 8, \$4. 286-1290 eves.

ICE SKATES - Child's starter skates, dbl runner, size 13; girl's figure skates, size 1; men's hockey skates, size 8; \$2 ea. Jack, Ext. 3464.

SKI EQUIPMENT - Head standard 210 cm, Cubco bindings, Heneke boots, size 10, lace type. \$50 takes all. P. Mohn, Ext. 2476.

GREAT DANE PUPPIES - Fawns, golden brindles, show stock, must be seen. 281-8344.

FOR ADOPTION - Shepherd-beagle mix puppies, 5 girls, 4 boys, perf for Xmas. 286-9700.

500 RDS - Compl sleeve, .22 LR Winchester Western. \$8.50. W. Sapp, Ext. 3808.

OSTER PROF ANIMAL HAIR CLIPPER - Model A-5, w/detachable blades, used only 3 times, like new. Cost \$60, only \$35. B. Busch, Ext. 2023, 475-2557.

6 YR CRIB - W/matt & sheets, \$1. Crennell, Ext. 2528, 929-6337 eves.

TAPE RECORDER - Sharp solid state, stereo. \$50. Mike, Ext. 4851.

MOD .98 MAUSER - Cal. .243 heavy barrel. \$40. F. Rumph, Ext. 4581.

SKIS - Free, 175 cm wood, tips cracked, may be repairable. T. Morris, Ext. 3968.

ICE SKATES - Women's white size 5, good cond, \$3; men's blk size 8, like new, \$6. T. Morris, Ext. 3968.

UNIFORMS - Brownie sizes 8 & 10; Girl Scout dress & belt, size 12; Cub Scout shirt, belt, tie, about size 10. 744-5096.

SKI CLOTHES - Girl's jacket, size 8-10, navy, \$8; boy's ski pants, size 14, navy, \$5; all excel cond. T. Morris, Ext. 3968.

## 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 - Split level on priv 75'x150' lot, 3 bedrms, 1 1/2 baths, liv, din area, fam rm, study, bsmt, garage & breezeway. \$28,500. Ext. 4390, 286-8849.

STRATHMORE - Stony Brook "M" Section, Eton Colonial, 4 bedrms, den, formal din rm, 2 1/2 baths, fireplace, central air, underground sprinklers, patio, 2-car garage, w/w, appliances. \$44,500. 751-1594.

2 BEDRM RANCH - Study or 3rd bedrm, liv rm, din rm, mod kitchen, w/w, full bsmt, 75'x100' fenced lot, front lawn sod, Lake Panamoka. \$25,490. 929-4297.

## For Rent

FURN RM - Kitchen privileges. W. Lundgren, Ext. 4278, 585-3794.

STONY BROOK - Frame house, 4 bedrms, 3 1/2 baths, avail 1/73 thru 6/73. \$350 plus util - negotiable if fewer rms required. 246-5980, 751-8425 after 6.

## Wanted

FIBERGLASS BOAT - 12', light, fair cond. Bill, Ext. 3992.

USED DOG HOUSE - Suitable for German Shepherd. L. Newman, Ext. 2888.

ENGINE STAND - Used to hold car eng while it is being rebuilt. Claire, Ext. 2346.

BOAT TRAILER - For up to 16' boat, must have rollers & winch. B. Brown, Ext. 2260, 286-1214.

GIRL'S 26" BICYCLE - 3 spd, good cond, reasonable. Jeanne, Ext. 3843.

HOCKEY SKATES - Size 10 1/2 or 11. P. Mohn, Ext. 2476.

VW OWNERS MANUAL - For 67 Squareback, to borrow, other yr will do. Mail to Samberg, 510B.

TRICYCLE - Adult, any cond, reasonable. Ext. 4028.

FREE PIANO - Will transport piano in working cond, for Stage XII Day Care Center, SUNY-Stony Brook. 246-3375.

2 BEDRM HOUSE/APT NEEDED - Reasonable rent. Pam, Ext. 3267.

DRILL PRESS/LATHE - Shopsmith, any age, good cond, must have drill chuck & lathe centers. Ralph, Ext. 744-7633.

ICE SKATES - Boy's size 4-5, reasonable to good quality & price. 286-0889.

BABYSITTER/HOUSEKEEPER - Liv-in arrangements possible, 2 children, references, Setauket area. Ext. 3793.

USED BUT NOT ABUSED ROTOTILLER - Sm garden size. "Sarge," Ext. 4291.

GAS TANK FOR OUTBOARD ENG - Ext. 4573.

HOUSE/APT TO RENT - Prefer Wading River, Rocky Pt area, young couple who will help in maintenance. Doug, Ext. 3396.

TRUNKS - Foot-lockers, steamer trunks, etc., suitable for shipping. W. Sapp, Ext. 3808.

TIRES - 1 or 2 used Michelin X or AX radial tires, 5.60 or 5.90x15; Harley Davidson motorcycle coil. Ron, Ext. 2016.

## Carpools

DRIVER WANTED - To compl existing 4-man carpool from Nassau Cnty. Elliot, Ext. 4457.

DRIVER WANTED - Smithtown-Commack area. Ext. 3268.

WILL FORM CARPOOL - Or join existing one, from Strathmore Village 8-9 am, from Lab 5-6 pm. Ext. 3793.

## Services

TREE REMOVAL & CHAIN SAW WORK - Also light hauling, free estimates. Ken, 289-8212 eves.

OAK FIREPLACE LOGS - Custom cut, split, delivered & stacked, well seasoned. Ken, 289-8212 eves.

SAWS SHARPENED - Reasonable rates. Ken, Ext. 4003.

PLANNING A VACATION BY AIR OR SEA? - Call Lee, 472-0658 after 6.

EXPERT AUTO REPAIRS - Tune up & winterize special, free pickup & delivery, reasonable rates, satisfaction guaranteed. Call Rick for free estimate, 732-9384 after 6.

HATHA YOGA FOR WOMEN - Relaxation, breath & body control through Yoga postures, sm classes, day or eve. HR2-1397.

HATE TO GIVE DINNER PARTIES? - Experienced high school girl will serve, prepare