

What Price Oil?

There isn't anyone who hasn't been staggered by his rapidly mounting oil bills. And almost everyone has come to associate this distressing state of affairs with the name OPEC.

The Organization of Petroleum Exporting Countries, known throughout the world as OPEC, came into being in 1960, is comprised of 13 member nations, and now has the world by the tail in the production and exporting of oil.

"The role of the Third World petroleum cartel in forcing the most dramatic redistribution of global income, and its significance for the international political and economic relations of the future," will be discussed at Brookhaven by an expert in this field, Dankwart A. Rustow, Distinguished Professor of Political Science at the City University of New York.

Dr. Rustow will present the second AUI Distinguished Lecture of the year, "The OPEC Revolution," at Berkner Hall, April 19, at 8 p.m.

The effect of OPEC's oil pricing policies has been felt in every consumer country, and has also led these countries on an intensive search for alternative energy sources. In his lecture, Dr. Rustow will discuss these efforts and will also explain how the multinational oil companies fit into the whole picture.

Before joining the faculty of the City University of New York in 1970, Rustow was associated with Columbia University for 11 years, the last seven of which as Professor of International Social Forces. He was on the senior staff, Division of Foreign Policy Studies at the Brookings Institution from 1961-63. From 1952 to 1959 he was a faculty member of Princeton University, in the Department of Politics and Program in Near Eastern Studies.

Dr. Rustow was born in Berlin, Germany, and educated in Germany, Turkey



Dankwart A. Rustow

and the United States. He is a frequent traveler to Europe and the Middle East, and has visited Russia, Latin America, Africa and Asia. He is fluent in five languages - German, French, Italian, Swedish and Turkish, and has a reading knowledge of Arabic, Danish, Norwegian, Portuguese and Spanish.

Rustow has published extensively, particularly on the Middle and Near East. The latest of his nine books is about "OPEC: Success and Prospects."

A story in *The New York Times*, reporting on a recent Rustow article in the *Journal of Foreign Affairs*, said his study indicated that "By 1985, a thin margin is expected to exist between the industrialized world's thirst for imported oil and the Organization for Petroleum Exporting Countries' desire to quench it." Rustow calculated that oil supplies might exceed oil import demands by only 500,000 barrels a day in 1985, and that even this small margin depends on "moderately favorable policies on the part of Saudi Arabia."

SEEK Engineering Careers

Sixteen students from the City College of New York spent this week at Brookhaven to get a first-hand look at science and engineering in action.

The came here under the auspices of the SEEK program (Search for Education Elevation & Knowledge), for a special mini-semester, sponsored by the Laboratory, designed to encourage students from minority backgrounds to seriously consider engineering as a career.

According to recent statistics, less than 1% of 1974 engineering graduates were black and an even smaller percentage were of other minority groups. This small enrollment is largely due to lack of motivation to enter a difficult profession once thought of as "white."

Now that opportunities for minority engineers have increased considerably, a concerted effort is under way to train minority students in this field, particularly at the large urban colleges.

In cooperation with City University's SEEK, Brookhaven's Office of Affirmative Action prepared an intensive program of mini courses in mathematics, electrical engineering, mechanical engineering and applied science projects, which were taught by Brookhaven scientists.

One of the Laboratory instructors was Leslie Joseph, an Assistant Electronics Engineer in Instrumentation, who graduated from CCNY, with the help of the SEEK program. Born in Haiti he left that country

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Leslie Joseph (standing) a staff member in the Instrumentation Division, talks to some City College students during the course of their mini-semester on engineering held at the Laboratory this week.

From Top To Bottom

As part of the ongoing energy conservation program, every nook and cranny of the Laboratory has been surveyed from the air, and at ground level, to detect energy losses.

Last November 13, between 6:15 and 6:30 p.m., a plane equipped with an infrared scanner flew over the Laboratory site. A set of five flight lines were flown at an altitude of 1000 feet, with enough overlap to include coverage of all buildings and steam lines. The passes were made when it was dark, so that the sun's heat would not interfere with the readings. To correlate with the infrared data, aerial photographs were taken at an altitude of 6000 feet.

The film records pinpoint the areas where heat losses are evident. Starting in April, these areas will be analyzed by engineers to see whether the losses are due to the work being performed, or to defects in the steam lines or buildings.

A major leak which Plant Engineering was aware of, and which the aerial scan confirmed, was in the steam line entering the Personnel building. This leak has been repaired.

The infrared scans save a lot of time and

manpower. Without the scans, the only alternative to detecting heat losses in steam lines would be to dig at suspect areas and look for the leaks.

On the ground, another survey of all buildings was taken a couple of months ago by a van containing infrared equipment. Where the aerial survey concentrated particularly on steam lines and heat losses from roof surfaces, the ground report, due soon, will indicate the heat losses from the sides of buildings.

For the last two years, all electrical substations have been checked by pointing an infrared gun at the electrical connections. If the scan shows a heat loss, it means that the connection is loose, and prompt corrective action can be taken.

These surveys will help immeasurably in ensuring that the Laboratory will be making maximum use of its energy sources. Other institutions and industrial companies in the area are also taking advantage of infrared scanning. As these surveys are done by a Michigan firm and are expensive, several Long Island universities were surveyed the same day as the Laboratory, thus allowing for cost sharing of the equipment.



AERIAL PHOTOGRAPH of a section of the Laboratory that includes the AGS, Medical Research Center, Chemistry and Physics.



INFRARED SCAN of the same area. The light areas indicate heat. Note how much heat is absorbed by the foliage on the trees.

How One Administrator Views Administration

[Virginia P. White, science administrator, author, and lecturer, recently came to the Lab to moderate a journalists' panel discussion with scientists at the conference on Genetic Engineering for Nitrogen Fixation.]

There are as many systems for administering a science operation, as there are administrators. Virginia White is offering a composite of them in her new book, now in preparation.

With the proposed title *The Laboratory Administrator*, White's book is aimed at the neophyte as a "how to" manual. With it, she hopes to suggest an ordered transition for business-oriented management personnel and hard-core researchers, to the front offices of science today.

As a self-proclaimed "eternal optimist" for science, White backs research efforts on all levels down the line. For her, science administration is a system for helping the scientist do the greatest amount of reliable research using available resources.

Science For Everyone

If scientific progress is still shifting into higher gears, as White claims, the next acceleration should stagger the common man. White's answer to this social problem is rooted in education.

She said, "The only way to survive the technological age is to understand it. Science touches everybody's life and there is now no way you can avoid it. You need to be informed so that you're not alarmed, frightened, and under misapprehension about what is going to occur."

Communications will be one of the important sections of the book. White's brand of scientist recognizes a human obligation to answer the public's need to know where

science is now and will be in the future.

"Science administrators have to be concerned about public relations," said White. "Unless they see to it that communication is handled in an intelligent way, they subject themselves to misinformation and misquotation."

While White recognizes the need and inherent right of the public to know what's happening in the lab, she doesn't stop there. According to her, the scientist ultimately doesn't have a choice.

"We live in a world of advanced communication systems, where it is impossible for anything **not** to be communicated. The whole world knows about what goes on in the laboratory today," she added. Because much of science requires public acceptance, she also believes in keeping the public informed from "day to day."

"This is at all levels," she explained. "For example, if you can't get clinic patients to cooperate in new techniques, you have no way to test them. You have to build up a kind of confidence in the institution and make the objectives clear."

One example, to appear in the book, will deal with public acceptance of animal research. White points to recent protests against electrode implantation experiments at the Museum of Natural History in New York. The problem: the public didn't understand the importance of this research.

"After the demonstrations occurred and pressure was brought on the Congress to cancel funds for this research," she explained, "then (its) value began to leak out in the press and journals, like *Science* . . . the scientists who had approved the grant applications for the research explained why

(Continued on page 2)

Administration (Continued)

it was done.”
Of course, there are other monetary reasons for keeping the public informed on the state of science. It's not just a question of maintaining funding, she said.
The central role of the science administrator is to use allocated funds wisely. The science administrator must also act as a “fund raiser” to increase resources.
“Unless government officials fully understand the value of the scientific research, they simply won't support it as well,” said White, stressing the importance of an administrator's public information efforts. “Public support, especially in the United States, depends heavily on public opinion.”



Virginia White

“Many administrators think that their jobs are to enforce the rules . . . that's very unimaginative administration,” exclaimed White. “My role (at Oak Ridge) was not to enforce the bureaucratic structure. I made the structure work for science, not science work for the structure.”

During the course of her research she visited Brookhaven and commented, “They (BNL) seem to have worked out a very impressive mechanism for handling a constantly transient scientific population,” White explained. “All national labs do, but not to the extent Brookhaven does.”

On Grants

Her last book, entitled *Grants: How to Find Out About Them and What to Do Next*, is in its fifth printing at Plenum Press.

White closed her final chapter on “Grantsmanship,” providing guidance for the grant-less, with this anecdote:

The winning attitude is perfectly illustrated by the applicant who asked a colleague to review his foundation proposal before submission. The colleague returned it with the unequivocal judgment that, “No foundation in its right mind would give you money for that!”

The applicant replied, cheerfully, “All right. I'll try the others.”
—Cliff Cockerham

Fighting Bureaucracy

White also warns against attempts to develop a “corporate structure” in science labs. She bases her knowledge on years of experience in key positions at Oak Ridge National Laboratory, the Salk Institute, and the City University of New York.

White explained the plight of scientists moving into administrative roles saying, “One of the mistakes that many administrators make is that they think they've got to turn into industrial executives overnight in a scientific institution.”

“They (new science administrators) are suddenly out to apply all the management principles that have become standard for the industrial sector, that simply won't work in laboratories,” said White. “It's very important that the science administrator always keep in focus that the product of the lab is science.”

There is one cardinal rule with White, for science administrators, no matter what background they have. White advocates a front office that acts as a filter, making administrative rules acceptable to science, while still meeting the administrative needs.

Cafeteria Menu

Week Ending April 15, 1977

Monday, April 11	
Tomato bouillon	
Franks & baked beans	1.10
Barbecued fresh ham & 1 veg.	1.35
Hot deli - pastrami	
Tuesday, April 12	
Cream of chicken soup	
Chopped steak & 1 veg.	1.10
Chinese pepper steak on rice	1.30
Hot deli - knockwurst	
Wednesday, April 13	
Vegetable beef soup	
Shrimp chow mein on rice	\$1.30
Springtime Special	
small juice or cup of soup	
Standing Steamship Round	
baked potato w/sour treat	
& string beans almondine	
or buttered noodles & glazed carrots	
plain jello or ice cream, small beverage	
	\$2.50 plus tax
Thursday, April 14	
Puree of mongol	
Stuffed pepper & 1 veg.	1.25
Short ribs of beef & 1 veg.	1.30
Hot deli - roast beef	
Friday, April 15	
Clam & celery soup	
French pancakes stuffed	
w/seafood Newburg	1.30
Pot roast & 1 veg.	1.30

SEEK (Continued)

in 1966, came to New York, and graduated from George Wingate High School in Brooklyn. With financial support from SEEK, he entered Brooklyn College and spent three years there in pre-engineering, before he transferred to CCNY and obtained a B.E.E. So that he would not be solely science oriented, he also studied philosophy and music for a year.

Joseph credits the program for allowing him to go to school full time which he could not have done otherwise. Although CCNY is a “hard” school, he said he had no problem because he spent all his time studying. Now he is on the Laboratory's scientific staff and in a position to encourage the current CCNY freshmen to enter the engineering field.

Other Brookhaven instructors who participated in the program, were Kwaw Annan, Gregory Bagley, Gerald Bennett, Michael Brooks, Don Gilzinger, James Glover, Nat Greenhouse, Darryl Howard, William Marcuse, Albert Prodell, Joseph Schuchman, Meyer Steinberg, Harvey Thomas, Robert Thomas, Otto White and William Wilhelm.

Tune In!

Question:

I have been told that during the Arab oil embargo (energy crisis), the Laboratory published a geographic listing of all employees' residences for the purpose of forming car pools easily.

I would like to suggest that the Laboratory publish such a list periodically (maybe annually) in order to expedite and further encourage the formation of car pools.

Answer:

The initial program included a computer matching of persons from the same area who expressed an interest in car pooling. Since then the tab run has been revised annually and is available to interested individuals in the Personnel Office. For further information, call Ext. 2885.

—J. Washburne

Equipment Inventory

The Supply & Materiel Division has scheduled the biennial equipment inventory to start on April 15th, 1977, with a completion date of July 15, 1977.

This year it will be required that not only “capital” equipment be inventoried, but also “sensitive” equipment (those items under \$500 of a sensitive nature, for which BNL must account for), and equipment purchased by BNL for other agencies.

Detailed instructions will be distributed with the inventory data; i.e., computer print outs and property cards. It is imperative that all employees assigned to conduct this inventory become familiar with these instructions.

The Property Management Section of the Supply & Materiel Division will coordinate this effort and be available for any assistance they can provide.

Events At BNL

- Thursday, April 14**
Polytechnic Institute Tour
Biology Visiting Committee (14-15)
- Friday, April 15**
William Patterson College Tour

- Monday, April 18**
Low Temperature Research and Superconductivity Workshop (18-20)

- Tuesday, April 19**
AUI Distinguished Lecture - Berkner Hall

- Thursday, April 21**
University of Pittsburgh Tour
Science Teachers Association of New York State Tour

In Memoriam

Salvatore Gerardi, a chef in the Medical Research Hospital, died March 25, after a long illness. He came to the Laboratory March 22, 1947, after serving as a cook at Camp Upton. Gerardi is survived by his wife, Eleanor, three sons and a daughter.

Charles H. Bernholz, who had been a tool and instrument maker in Central Shops since August 24, 1961, died on April 3. He is survived by his wife, Josephine, and two sons.

Candidates Sought For Lawrence Award

ERDA is now seeking nominations for the Ernest O. Lawrence Award for 1977. The awards are made in five fields related to atomic energy: reactors, chemistry and metallurgy, life sciences, physics and national security.

Nominees must be citizens of the U.S. and not more than 45 years of age, who have made recent “especially meritorious contributions to the development, use or control of atomic energy in areas of all sciences related to atomic energy, including medicine and engineering.”

The deadline for nominations is May 1, 1977. Forms are available from the Advisory Committee, U.S. Energy Research & Development Administration, Washington, D.C. 20545.

Safeguards Seminar

Dr. Theodore Taylor of Princeton University will speak on “Alternate Strategies for the Control of Nuclear Energy: Plutonium, Denatured Fuel Cycles or Phase Out,” on Monday, April 18, at 3:00 p.m. in the Hamilton Seminar Room in the Chemistry Bldg.

French Films

The next meeting of *Le Cercle Français du BNL* will take place on Thursday, April 14, at 8 p.m. in the Recreation Hall. The evening will be devoted to a screening of two short films from the extensive film library of the French American Cultural Services and Educational Aid, attached to the French Consulate in New York.

The evening will begin with a fifteen-minute film with no dialog, showing Rudolph Nuryev and Zizi Jeanmaire in a rehearsal of the Roland Petit ballet “*Le jeune homme et la mort*,” set to the music of J.S. Bach. This will be followed by the feature, a 47-minute color film with French dialog, titled “*La douceur du village*,” which won an award at the Cannes film festival of 1964. Set in Loue, a large market town near Le Mans, this movie portrays a way of life that is typical of some two-thirds of the French population. Members of different classes of society in the town, a center of business and communications, are observed by the camera as they go about their daily routine.

Refreshments will also be served. Members of the Brookhaven community and their friends are cordially invited, and there will be an admission charge of \$1 for those who are not members of the French Group.

Selected Reading

- Chem. Eng. News 55, March 7, 1977**
Nuclear energy: A key role despite problems. E. V. Anderson. 8-12
- NAS president lauds NSF peer review system. 14-15
- New Sci. 73, March 10, 1977**
Solar power from the oceans. G. Haber. 576-8
- Scientist in the Tank: A profile of Professor John Ashworth, Chief Scientist in the Cabinet Office's Central Policy Review Staff. B. Dixon. 579-81
- Towards trained decision-making. G. Mills. 595-5
- Science 195, March 11, 1977**
Brzezinski: Role of science in society and foreign policy. N. Wade. 966-8
- Science 195, March 18, 1977**
The electronics revolution. P.H. Abelson and A.L. Hammond. 1087-91
- Electronics: Past, present, and future. J.R. Pierce. 1092-5
- What computers mean for man and society. H. A. Simon. 1186-91

Service Awards March

Thirty Years

Arnold Benson	Plant Engineering
Phillip Borzi	Supply & Materiel
Wesley Brown	Plant Engineering
Frank Bugala	Safety & Envir. Protection
Hugh Campbell	Reactor
John Cross	Staff Services
Douglas Daniels	Supply & Materiel
Louis Dendato	Supply & Materiel
Eugene Fales	Supply & Materiel
James Farrell	Safety & Envir. Protection
William Farrell	Plant Engineering
Charles Gargliardo	Staff Services
Frederick Gillespie	Plant Engineering
Anthony Guacci	Staff Services
Harry Hankins	Medical
Sven Hasselriis	Physics
Richard Hill	Purchasing
Woodrow Hobson	Supply & Materiel
Michael Iarocci	Plant Engineering
Thomas Iarocci	Plant Engineering
Joseph Kalinowski	Plant Engineering
Marion Kaminski	Plant Engineering
Myrton Kinney	Safety & Envir. Protection
William Kirklewski	Saf. & Envir. Protection
William Kwiatowski	Plant Engineering
Winfield Lewis, Jr.	Applied Science
Alice Mabry	Personnel
Anthony Meo	Safety & Envir. Protection
Walter Milian	Plant Engineering
Elmer Monti	Plant Engineering
Thomas Newham	Saf. & Envir. Protection
Stephen Palermo	Supply & Materiel
William Patanjo	Supply & Materiel
Manuel Pedroso	Supply & Materiel
Michael Perrier	Plant Engineering
Salvatore Piazzola	Central Shops
Sidney Raynor	Plant Engineering
Joseph Rhodes	Safety & Envir. Protection
Clarence Robbins	Supply & Materiel
Kelsey Robinson	Supply & Materiel
Frederick Strier	Safety & Envir. Protection
Kenneth Swezey	Supply & Materiel
Stephen Takats	Safety & Envir. Protection
Alfred Texeira	Safety & Envir. Protection
John Zahra	Supply & Materiel

Twenty-Five Years

Robert Doering	Applied Science
Robert Feindt	Applied Science
Peter Ratyca	Plant Engineering
Gilbert Raynor	Applied Science

Twenty Years

Warren Behie	Accelerator
Carl Cantera	Physics
Joseph Cardamone	Medical
Carmine Minardi	Plant Engineering
Louis Nicolosi	Applied Science
George Schwender	Physics
Lorraine Tassinari	Medical
Harry Vogt	Plant Engineering

Ten Years

Carmen Benkovitz	Applied Science
William Danaher	Central Shops
Howard Fales	Staff Services
Clifford Fredrickson	Director's Office
John McCaffrey	Central Shops
Joan Redzinak	Applied Science
Helma Scesny	Accelerator
Frank Short	Accelerator
Sharon Spark	Applied Mathematics
Catherine Tierney	Applied Science
Claudia Tyler	Medical

Talent, Food & Fun

The semi-finals of the Ms. Savoy contest will be held at the Rec Hall on Saturday, April 16 at 9 p.m. The highlight of the evening will be the selection of three finalists who will appear at the May BERA event. Judging the contestants will be Janet Whitehead, Harvey Thomas and Ronnie Rau.

The Brothers of BNL are sponsoring this Saturday night party, and the food will be catered by Reginald “Duke” Ellington. There will be a cash bar and a small charge for dinner of \$3.75 per person.

Employees and their friends are welcome. As the capacity of the Rec Hall is limited to 100 persons, it might be a good idea to let Paul Atkins (Ext. 4867) or Helen Keeley (Ext. 4719) know if you're planning to be there.

Arrivals & Departures

Arrivals

Toshihiko Hara	Chemistry
Donald M. Litcher	Applied Math
Donald E. Malloy, Jr.	Chemistry
John P. Scheib	App. Science
Frederick C. Squires	Plant Engrg.

Departures

John F. Marto	Medical
Joseph M. Savino	Plant Engrg.

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Rambling Around

These are bits and pieces picked up from here and there with occasional observations by the Editor:

• In the Observer column of March 15 in *The New York Times*, Russell Baker made some observations about the progress of science. Among them:

"I see in the papers that science has made a square tomato. The story goes on and on about the advantages of this deed, such as: square tomatoes are easier to pick than tomato-shaped tomatoes; the new square tomato is tougher than its predecessor and can, therefore, be more easily picked by machinery, and so forth.

In all these raves, there is not a word about the square tomato tasting better than the old tomato.

In fact, there is not a word about whether the square tomato has any taste at all. So where is the miracle? The last scientifically bred tomato, which you get at the supermarket most of the year, is also hard and easily harvested and packed, but it doesn't have any taste.

The only purpose of a tomato is to taste like a tomato, and if it doesn't, it is not a miracle, but a failure. If its purpose is to be hard, it might as well be a potato. If its purpose is to be square it might as well be a cardboard box. And if we don't care whether it tastes like a tomato or not, why is science wasting its time making square tomatoes when it could be making cardboard boxes that look like potatoes? . . ."

• Classified ad in *Science*:

"ENTREPRENEUR - Wanted, the president for a new company creating products utilizing recombinant DNA techniques: prefer background in this technology and in business."

- it would be nice if he knew what he was doing.

Hospitality News

A morning coffee will be held Tuesday, April 12, from 9:30 to 11:30 a.m., in the Brookhaven Center. An introduction to Chinese painting will be presented by Mrs. Oi-Wah Mark, an artist from Hong Kong who accompanied her husband to the Lab where he is spending a sabbatical leave.

An exhibit of some of Mrs. Mark's paintings of flowers, as well as a display of various Chinese painting tools, will be the highlight of this get-together.

Please come and bring the children. Babysitting will be provided at no charge. It is suggested that you bring along a toy or two for your children to play with.

Tennis

BNL will sponsor a team in the LIIRA Tennis League again this summer. Last season, we placed first in the White or 'B' division. This year, we've moved up to the Red or 'A' division, so the competition should really be keen. The basic format will be the same as last year, with each team match to consist of three doubles contests.

The season will run approximately May 16 - Sept. 23, and matches again will be held at Bobby Kaplan's Syosset Tennis Academy from 6-8 p.m., Monday through Thursday. Altogether, BNL will play 14 matches during the 20-week season.

All interested employees and guests are eligible to join our team. An organizational meeting will be held at 12:15 p.m. on April 13 in Room A at the cafeteria. Anyone unable to attend should call Tom Koetzle, Ext. 4384.

Top row (from left) Harry Biesel, August Francois, John Zahra, Harold Hicks. Center - Walter Buckes, Woodrow Hobson, Phillip Borzi, Douglas Daniels, Eugene Fales, James Connell, Kelsey Robinson. Bottom row - Clarence Robbins, Manuel Pedraso, John Schneider, Stephen Palermo, Joseph Perry, Kenneth Swezey, Louis Dendato.



Supply & Materiel Division — 30-Year Employees

Sports News Bowling

Purple & White League

3/24/77: The Flounders and the Penthos lead the way followed by the Odd Balls and the Pin Pickers.

Ted Erickson had a fantastic night bowling a 258/203/610 scratch series, 712 gross, earning club awards. The 258 game (100 over average) makes Ted eligible for the ABC Century Club award. Nate Carter also had a great night rolling 210/213 for a 686 gross series for a club award. Nice games also by Don Schug 215 and Ben Belligan 210.

High games for the women were bowled by Pat Manzella 188, Betty Roche 186, Marge Belligan 183, Carolyn Eterno 179, Grace Schiro 179, and Penny Austin 176. Betty Roche converted two splits, the 6-7-10 and the 3-7-10.

3/31/77: The Penthos eased into first place and lead by one point. Right behind them are the Flounders and the Odd Balls.

Ralph Taylor was high for the men rolling a 217/677 gross series just missing a club award by one point.

Nice game by Ben Belligan with a 215.

Diane Schug was high for the women with a 174. Nice games also by Marge Belligan 171, Betty Roche 166, Pat Manzella 166, Ellie Murgatroyd 165/164, and Penny Austin 163.

Red League

The Sandbaggers bowled steady (3073 pins) enabling them to take 11, closing the gap on first place. C. Bohnenblusch had a 201. The Old Timers only took 4 and have a four point lead for first place in this second half. The Bubble Boys took 8 points with W. Kollmer having a 213. The Freon Loaders took 7 led by F. Stahman 233/201/589 and 661 gross pins. The Anachems took 7 with P. Klotz having a 204. The Cosmos split 6-5. The 76'ers took 4 points with R. Larsen bowling 219 and 203. Despite F. Hohmann's 210 and Ed Sperry's 209, the Designers (with 4 men) were skunked 0-11 by the Trouble Shooters.

Pink League

The Med Squad has regained first place with a 3 point lead over the Gutter Getters. High games for the night were Marge Stoeckel 187/168, Marie Brenner 183, Kay Hunt 179/160, Dot Marelli 167, Lindora Boyd 164/155, Irma Montanez 164, Kay Conklin 164, Alice Glynn 155, Helen Keeley 155. Ellie Adams converted the 2-7 split.

Black & Blue League

With just four weeks left, the Quiet Ones hold a slight lead over the rest of the league. Team positions have remained the same for the past three weeks, but the point spread between has decreased each week.

Pat and Bill Lebitski showed family togetherness with Bill rolling a 202 and Pat a 199 game. They took the high gross pots; Pat having a 248 gross and Bill a 244 gross. Other high games were Ed Sperry 211, Bill Kristiansen 209, Debbie Antonio 174, Renee Flack 168, and Ellie Kristiansen 168.

Our league sweepstakes and buffet is scheduled for May 4. All team and substitute pool bowlers are eligible.

Green League

The Charlie Browns are still in first place even though the Super Cools took seven. For the Charley Browns, G. Fales had a 202. The Got-A-Hit-Ums moved into third place taking seven from the Pick-Ups. N. Parrinello had a nifty 219 game. The Blue Jays dropped to fourth as they lost 11 to the Sandbaggers. The Trouble Shooters are on the move as they took 11 from the Designers. A. White had a 222 game. The Sparks

took 5 from the Cosmos, while the Pinball Wizards took 3. For the Pinball Wizards, R. Eggert had a 201 and F. Green a 211.

Scotch Doubles

Don't forget April 23. This is the day of the Scotch Doubles to be held at Port Jeff Bowl. Starting at 2 p.m. an afternoon of fun bowling will begin. Trophies and prizes will be awarded. Be sure to get your entry to the BERA Sales & Service Office in the cafeteria not later than 2:30 p.m. on Friday, April 15. Entries will be limited to the first 64 teams, so don't waste any time. If you need a partner, call Carol Beckner Ext. 3483.

Volleyball

The remaining scheduled play for both leagues is as follows:

April 4 - Mixed League Championship

News Flash: The Trolls defeated the Lookin Good team 21-18 and 21-10 to become the Mixed League champions.

April 6 - BNL vs. Stony Brook - 7 p.m.

April 11 - Women's All Star Game

The Employees' League All-Star game of March 30 was played between two arbitrarily chosen teams under tougher-than-normal refereeing. All-Star teams were chosen to split up the established groups, there was a certain amount of jostling as players adjusted to unfamiliar roles.

Mixed League Championships

The Division B playoffs pitted the first half winners, Nuts & Bolts, against Lookin Good, who stormed to victory (15-4, 16-14).

In Division A, Oceanography strongly challenged the Trolls for the last third title, but fortunes of war intervened as Tom Owens, Evarina Wold and Steve Howe could not play in the final crucial game. Mickey Snead's team barely squeaked out a 2-1 victory over the remaining five oceanographers (15-3, 15-2, 11-15), thus winning all three thirds and earning a championship bid against the Lookin Goods. Final Mixed League standings are:

	Won	Lost
Trolls	12	3
Oceanography	10	5
Spikers	8	7
Pushovers	8	7
Parton Props	7	8
Upstarts	0	15

Women's All-Star Game

The Women's All-Star game of April 11 will be played at 5:30. Further nominations are needed (contact G. Donaldson, Ext. 3722), especially for Division A. All women players are invited and we plan on using two courts if there are enough for two simultaneous matches.

Table Tennis

At its organizational meeting the BNL Table Tennis Association elected and installed a slate of officers headed by President Toni Johnson. Other officers are Vice President Marion Stelts, Secretary Dave Thomas, Treasurer Jim Gilmartin, and Referee Manager Bill Lee.

The Association plans a busy playing schedule for the coming season and a ladder tournament during the summer.

Any of the officers will be happy to provide information to prospective members.

Mountain Club

The Mountain Club will hold its next meeting on Friday, April 15 at 7:30 p.m. in the Brookhaven Center. We hope to have all the slides of the Everglades trip assembled.

Plans for the overnight hike on Slide Mountain on the weekend of April 30 - May 1, will be discussed.

Bicycling

The next bicycle event coming up is the April 17 tour of historic Sound Avenue from Doctors Path east, from 2:30 to 4:30 p.m. It is sponsored by the Riverhead Preservation and Landmarks Society and assemblies at Sound Avenue and Doctors Path north of Riverhead (rain date 4/24). The tour itself is only a few miles long, so a group will also leave the Berkner parking lot at noon and bike to the above assembly point. This, with the return, will total about 50 miles.

Also coming up the following week (4/24) is the Beginners Tour from BNL to Wildwood Park and return. This ride was enjoyed by 8 or 10 riders last year. This year outside clubs will join us and we'll leave Berkner Hall parking lot at 10 a.m., depart the lab by the North Gate, and do the hilly, more tiring part first. Lunch (bring your own) at Wildwood, then return by the east lab gate. Total distance about 25 miles.

Details of the 2-day tour of Eastern Suffolk (TOES) have just been worked out. This ride leaves Yaphank Saturday morning May 14, sleeps over on Shelter Island and returns Sunday. The Shelter Island lodging charge is \$5 (2 or 3 to the room) and dinner plus breakfast are available for \$7.50 more. A camping area is nearby for the enthusiasts. Registration fee is \$1.50 (which pays for the sag wagon) before May 1, \$3 afterwards. Total distance (2 days) is an easy 100 miles. You are promised beautiful riding weather, beautiful scenery and beautiful people (anyone who cycles is beautiful).

For additional info contact Gerry Morgan, Bldg. 815, Ext. 4841.

Golf

The grass is greening, and the sand traps are beckoning, so it's time to dust off your clubs; the golf season is near. All golfers, would-be-golfers, would-like-to-be-golfers (as well as sandbaggers) are invited to join the golf league.

There will be an organizational meeting in the Recreation Hall, April 15, at 5 p.m. Old and new members are welcome. If you can't make the meeting but would like information about the league or you need a partner, call one of the newly elected officers: Peter Bond, 4063; Joel Magee, 3284; or Bernie Comfort, 4581. Deadline for membership will be Monday, April 18.

Runners' Corner

In last week's *Bulletin*, it was mentioned that four BNL'ers entered the Nassau County Marathon. Actually there were five, the fifth person being Art Harris (AMD) who knocked a full half hour off his previous time with a 4 hour 2 minute performance.

The BNL-Rocky Point race has been rescheduled for April 30, at 9 a.m. at Rocky Point High School.

Those interested in checking out the course on April 23 are urged to get in touch with Bob Tucker, Ext. 2540.

The Annual BNL Spring race (5, 10, 20 km) will be held on Sunday, May 15, at 10 a.m.

The meet will be open to family and guests with prizes for all BERA winners.

It is important that prospective BERA participants preregister by May 6 so that handicaps can be established and teams chosen.

The entry fee will be \$2 for age 17 and over and \$1 for those under 17.

Further details may be obtained from John Beerman, Ext. 4076; Jim Guppy, Ext. 2698; or Bill Thomlinson, Ext. 3978.

Re Marathon: Bill Kropp (DAS), not Bill Kopp ran in the Nassau Marathon.

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.

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

For further information regarding a placement listing, contact the Personnel Placement Supervisor, Ext. 2874 or 2882.

LABORATORY RECRUITMENT: Opportunity for present Laboratory employees.

127. SECRETARY - Excellent typing. Temporary position. Department of Applied Science.

128. MACHINE TOOL REBUILDER, GROUP LEADER - Central Shops Division.

129. STORESKEEPER - Supply & Materiel Division.

130. STORES CLERK - Two positions. Supply & Materiel Division.

131. MATERIAL HANDLER - Two positions. Supply & Materiel Division.

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

132. ELECTRICAL ENGINEER - BS degree or equivalent in electrical engineering having design or operations experience involving the electrical safeguards systems in operating nuclear power stations. Department of Applied Science.

133. BIOLOGY ASSOCIATE - MS degree or equivalent in microbiology and agronomy with competence in both field and lab investigation. Strong background in analytical chemistry desirable. Department of Applied Science.

134. SAFETY TRAINING SPECIALIST - AAS degree or equivalent in physical sciences with training and competence in the handling of hazardous materials, fire safety, first aid, construction safety and loss control. Safety & Environmental Protection Division.

135. COMPUTER SCIENCE ANALYST - BS degree or equivalent in computer science or mathematics with demonstrated competence in programming and data base management. Must know FORTRAN. Department of Applied Science.

136. ENVIRONMENTAL SCIENCE ASSOCIATE - BS degree or equivalent with concentration in environmental management. Familiarity with energy related computerized models and ability to program is desirable. Department of Applied Science.

137. TECHNICIAN - AAS degree or equivalent in mechanical technology. Some experience in high vacuum systems is preferred. Accelerator Dept.

138. SECRETARY - Excellent communications skills required. Department of Applied Science.

139. OFFICE SERVICES ASSISTANT - Excellent typing. Personnel Division.

Autos & Auto Supplies

75 VOLVO - 242 series, ac, tinted glass, am/fm, cassette, 4 speakers, Lombardi seats fold back, rear window defroster. \$3900. 475-8349 after 4.

76 SUZUKI - 750 GT, mint cond, krauser bags, extras, garaged year round. \$1700. Mitch, Ext. 3290.

72 HONDA - 350CB, fairing, highway bars, lugg rack, sissy bar, saddle bags. \$700. Dan, 277-1284.

71 MGB - Am/fm, new radials, excel cond. \$1550. Firm. Ext. 4670, 744-3945.

76 KAWASAKI - 750 cc, low mi, excel cond. \$1700. 878-1303 after 6.

PARTS FOR REESE HITCH - Race cam & solid lifters for 289 Ford, new in box, also jeep parts. 928-5199 after 6.

66 OPEL KADET - Excel mech cond. \$250. Ext. 3268.

75 SUZUKI - TM 75 cc, motorcross or trail, excel cond. \$250. Ed Rogers, 924-3821.

64 VW VAN - Set up for camping, cabinets, jalousie windows, extras, mech good, needs minor work. \$375. Rick, 727-7304.

MUSTANG PARTS - '65 C-4 trans mild beef up, \$75; B&M hole shot, \$85; 10" steering wheel, \$7; drive-shaft & rear, 308, \$40; floor mats, \$7. Ext. 2021.

REBLT ENG - 68 Ford 302, 2000 mi, new carb, dist, wires, cap, coil, work on heads & block, air cleaners, alternator, ps. \$300. Ext. 2021.

TIRES - 4 Firestone on alum rims, 9.50x16.5, 8-ply. \$275. 281-8458 after 5.

64 PONTIAC CATALINA - V8, ps/pb, ac, new tires, good running cond. Asking \$300. 585-7951.

ENGINE - 289, good for parts. 588-6417.

74 HONDA - 450, 2000 mi, excel cond. \$900 or trade for pick up of equal value. 281-9245.

63 FORD PICK UP - Good shape. Asking \$350 or best offer. Don, 878-1239.

15" RIM - Merc/Ford, like new. \$10. Ext. 4810, Nick.

66 MUSTANG CONVERTIBLE - V8, ps, auto trans, \$400. Ext. 4212, 929-4631.

Boats & Marine Supplies

16' COMET - Sailboat, excel cond, new sails, just painted. Asking \$800, Ray, Ext. 2952, 878-4883 after 5.

SAILBOAT - Mini-fish fiberglass, sunfishes little sister, lime & white sails, excel cond. \$400. 286-2292.

18' SKIFF - Lyman inboard, 4 cyl Gray marine eng, preservers, gauges, lights, 20 gal tank, etc. \$700. Tom, 325-1524.

17' BOAT - Clamming or fishing, trailer, brand new, extras. \$1200. 286-8582 after 5.

19' THOMPSON - Cuddy cabin, 60 twin 40 hp Evinrudes, extras, needs some work, good family boat. \$6000. 653-4647.

22' THUNDERBIRD - F/g, twin 120 hp, i/o, d/f, Cuddy cabin, head, canvas, extras, excel. \$3500. 281-2767 eves.

AQUA CAT - Cotamaron, 14', new sail, good cond. \$250. Paul, Ext. 2476.

75 MERC - W/pwr trim controls, cable harness, tank & hose. \$1400. 281-8458 after 5.

PROPELLER - For 72-73 50 hp Merc, 10 1/2"x11, new \$25. 281-8458 after 5.

25' SLOOP - Deep keel, fast, excel cond, cedar on oak, sleeps 2, head, sink, sea swing, stainless rigging, 5 sails, outboard, extras. \$2000. Ext. 4745, 744-3225 eves.

JON BOAT - Sears 10' alum h/d w/oars, excel cond. \$125. Ruth, 585-1213.

33' RICHARDSON - Sedan, sleeps 5, Chrysler 185 hp in water, ready to go. Asking \$3500. 289-1873 after 5.

13' TRAVELLER - 10 hp outboard, \$150. Ext. 3760, 286-8305 eves.

SAILBOAT - 470 Olympic class racing boat, fiberglass hull, main, jib, spinnaker, trapeze, harness incl. \$1000. Ext. 4391, 862-9178.

15' SHARPIE - Good for clamming. \$150. 286-0761.

Miscellaneous

PLANTER JR SEEDER - Combo #D4 with cultivator & plow attachments. \$30. Ext. 3120, 286-0641.

AIR CONDITIONERS - 5000 btu, \$55; 6000 btu, \$60. 281-6294.

5 PIECE DRUMSET - Very good cond. \$125. 286-0761.

EASTER EGGS - Hand painted on wood. \$1 ea. Mike, Ext. 4851.

PINK CAST IRON TUB - Sink, toilet. \$50. Mike, Ext. 4851.

2 SUPER DENIM - Size 14, never used, J.C. Penney. \$2 ea. Mike, Ext. 4851.

TABLES - Living rm, 2-28" square, 1-octagon shape, 1 coffee table, 64x24", \$150. 475-7464.

LIVING RM - Colonial wing arm chair, sofa chair & ottoman, incl slip covers. \$165. 475-7464.

BEDRM SET - Double bookcase, headboard, dresser, mirror, chest, free if you pay for new foam mattress & box spring. \$200. 475-7464.

DINING RM SET - French prov, oval table w/2 leaves, 2-piece lighted china cabinet, 4 chairs, Basset built. \$350. 475-7464.

PEONY CLUMPS - Lg, \$3 ea.; rhubarb, lg, \$3 ea.; evergreens, Jap yews, etc, \$1-\$5. 286-0246.

BABY CRIB - & mattress, good cond, \$25; youth bed w/removable sides, \$30. Larry Arnold, Ext. 2021, 281-2136.

LAWN ROLLER - 286-9158.

EXHIBITION SALE - Batis by Judith Turner, sketches by Stephanie Durston. Shoreham Public Library, Route 25A east of Wm Floyd til April 15. Turner, Ext. 2106.

BABY'S - Bassinette. \$4. 727-1329.

70 KROWN HARD TOP - Tent trailer, stove, heater, toilet, 12v/110v, 8x10' awning, plastic windows, curtains, fully equipped. 363-6940.

SPRING COAT - Girls size 12, red white & blue check, like new. \$13. Stan, Ext. 2428.

CARDIGAN SWEATERS (2) - Girls size 14 new, (1) gold cabled stitched, (1) white with pink flowers. \$5 ea. Stan, Ext. 2428.

TOASTER - 2 slice, \$5; sunlamp, \$10; drapes for 13' wall with traverse rods. Make offer. Steve, Ext. 3469.

SPAULDING FIELDSERS GLOVE - Fits on right hand for left-handed thrower. Bill, 298-4089.

PIANO - Modern walnut "Winter" with bench, excel cond. \$500. 929-4175.

GIBSON GUITAR - 56 Les Paul Jr, all orig, very good shape. Asking \$350. Ed, 727-3608.

SCREEN - Projector, lenticular, 40x40, \$20; Libby silver leaf glasses, \$4; candle craft kit, \$5. Ext. 3609.

COMB ALUM S/S - Fit 50 1/2"x32" opening, excel cond. \$15 ea. R. Stoehr, Ext. 4851.

CASSETTE TAPES - 18, incl Grass Roots, Guess Who, Grand Funk, Ike & Tina, Kris Kristof. \$15 takes all. 281-7763.

STEREO TAPE DECK PLAYER - 8 track, Longines, one yr old. \$30. 281-7763.

FIREPLACE - Log basket, black metal. \$5; Airway vacuum upright, \$10, suitable for cellar cleaning; large florist basket, \$2. Lewis, 475-9257.

21" CURTIS MATHIS - Color TV, early American console cab, needs work on color circuits. FREE to first person who comes for it. 286-0246.

BIRD CAGE - With floor stand. 286-9158.

PIANO - Spinet, good cond, pleasant tone, attractive, reasonable. Ext. 2146 or 654-3497.

WELL PUMP - Sears, Model E110 convertible, 3/4 hp, built-in pressure gauge, good for 110 ft depths, used 2 yr, good cond. \$65. Call 289-1855 after 6.

ELECTRIC HEAT - Baseboard, reasonable. F. Merkert, Ext. 3870.

ANTIQUERADIO - Console, early 20's vintage, plays well, box of spare tubes. \$50. 286-0246.

NOTICE TO BIDDERS - 1 sorting table, can be seen at Post Office, will be sold to highest bidder, bids open at 10 am Apr 18. Ext. 2539.

FREE PUPPIES - Springer/Spaniel mix, black & white, long ears. Ext. 4004, 286-0934.

EASTER GIFTS - Hand crafted cut coin jewelry. 924-3236.

55 GAL OAK BARREL - Make wine or 2 planters. \$15. 286-8119.

CUDDLY BUNNIES - Rabbits only. \$3. John, Ext. 3675, 924-3528.

POOL TABLE - & accessories, two sets of balls. \$75. 727-4925.

MOTORCYCLE JACKET - Ladies, leather Beau Breed, Ant. Brown, zip in-out lining, size 11, worn once. \$55. Ed, Ext. 4447, 231-7529 eves.

SWEDISH - Woodworking bench, ex cond, new cost \$400. My price, \$200. 286-2292.

PUPPY - Doberman, black, male, all shots, ears and tail fixed, championship blood lines, excel disposition for pet & showdog. 751-0182, Ext. 2432.

FREEZER - Upright, brand new cond, 2 yrs old, cost \$850, my price \$500. Helen, 281-2072 eves.

HOTPOINT - Built-in dishwasher, avocado, good working cond. \$25. 475-6938.

TRUMPET - Conn with case and mouthpiece. \$80. Gary, Ext. 4501.

HAIR DRYER - 3 spd professional style with hood, very good cond. \$10. 732-5829.

TAPE RECORDER - Reel to reel recorder with 7" reels, monaural type, very good cond. \$12. 732-5829.

END TABLE - Modern in excel cond. \$10. 732-5829.

ORGAN - Wurlitzer, excel cond, 2 yrs old, used 6 mos, 7 diff rhythms, walnut finish with bench. Asking \$650. 473-2495.

21" TV - B&w Colonial RCA. \$65. Tut, 727-3106.

CB POWER MIKE - Mura Model PRX-100, one week new, excel cond. \$17.50. John Schmidt, Ext. 4255, 929-4450 eves.

ANTIQUERADIO - From Oakdale Vanderbilt estate; house plants. Irene Merritt, LT9-5126.

OLD ORIENTAL RUG - Tekke Turkoman, 43"x65", good cond, selling for \$350. Ext. 3699.

USED SOFA - & chair. \$60. Joe Ash, Ext. 2983.

KNOTTY PINE - Kitchen cabinets 12'x7'x6', 42" double sink w/fixtures, range top, wall oven, dishwasher and exhaust hood. 298-4089.

VICTORIAN CHAIR - Spanish pewter firescreen & andirons; girls 3 spd bicycle; 19" color TV not working. Harriet, Ext. 4853 after 1. 751-4958 eves.

1 PR SKIS - With bindings. \$10. 581-0932 after 6.

GIBSON - Acoustic, steel string guitar, 1960 narrow neck model. \$200. Ext. 3479.

COUCH - Maple convertible. \$25. John, Ext. 3675, 924-3528.

COUCH - Contemporary & love seat, blue & white, almost brand new, cost \$700. (But will accept \$400.) Ext. 2882/2883, 473-9121 after 6.

TRUMPET - Conn, USA, like new. \$100. Ext. 2144.

BICYCLE - Men's 5 spd, French Racer (Pierce Arrow), light weight frame, good cond, \$40 firm. 744-0228 after 5.

COMBO - Drop leaf desk with drawers and hutch-type bookcase, white with yellow shelves. \$80. 475-3308.

HI RISER - Seldom used. \$50. 475-3308.

TRIPLE DRESSER - With mirror, French Provincial style. \$100. 475-3308.

BIKE - 20" Huffy Stingray, 5 spd, boys. \$35. 289-1754.

REFRIG/FREEZER - 14 cu ft, Westinghouse, excel cond, best offer. 821-0727.

REFRIG - 2 dr, freezer combo, Delmonico 12 cu ft, good cond, 6 yrs old. \$75. PA7-5467.

PONY - Looking for good home for large pony & tack. Not asking much. 475-3889 or 475-5240.

60 MM TELESCOPE - Barlow lenses, tripod. \$40. 281-6294.

WATER TANK - Sears vertical water storage tank, 82 gal, glass lined, used 2 yr, good cond. \$35. Call 289-1855 after 6.

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

SHOREHAM - 4 bedrm, 2 1/2 baths, family rm w/fp, w/w carpet, ac, landscaped, 1/2 acre. \$45,000. 744-0269.

SHIRLEY - 3 bedrm, playrm & bar, basement & garage, cathedral ceil, stone fp, pool deck, fenced. 281-6294.

BELLPORT - 3 bedrm ranch, 2 yrs old, 1/2, landscaped wooded, full basement, 5 appl, low down payment, assume mortgage. \$32,500. 286-1440 eves.

N SHIRLEY - 2 bedrm ranch, living rm w/paneling & fp, s&s, treed 1/2 acre, 6' fence. June, Ext. 2970, 399-0836 after 5.

CORAM - Must sell, 4 bedrm colonial, immaculate, 1 1/2 baths, full basement, garage s&s, oak floors, extras. \$35,900. 929-8383 to 5 pm, 698-2030 after 6.

BLDG PLOT - 1 acre, fully wooded, estab community, North Shore, 10 min to Lab. 924-3236.

WADING RIVER - 3-4 bedrm cape on 3/4 acre, treed, landscaped, fp, w/w carpet, full bsmt w/patio doors. \$54,000. 929-8313 after 5:30.

BELLPORT VILLAGE - 6-rm house, walk to village & stores, ferry to beach, 1 1/2 baths, 12 min to Lab. \$39,999. AT6-8945, 286-1097.

SELDEN - 6 yr old, 4 bedrm splanch, eat-in-kitchen, panelled den, formal dining, 1 1/2 baths, basement, fenced. 732-6231.

CALVERTON - 15 min to Lab, 3 bedrm, 1 1/2 baths, 5 appl, w/w carpet, patio, fence, central ac, s&s. Asking \$23,000. 369-2526 after 6.

MIDDLE ISLAND - 4 bedrm townhouse, 2 baths, storage rm, all appl, central ac, w/w carpet, clubhouse, swim, tennis, 1 yr old, immaculate. \$29,900. Ext. 2414, 924-5457.

MASTIC - 2 bedrm, paneled wood deck, corner lot, s&s, low taxes, treed, full basement. \$29,500. 281-7763.

For Rent

SAYVILLE - 3 bedrm ranch, laundry rm, fenced yard, near schools. \$325/mo + 1 mo security. 289-0413.

1 BEDRM APT - Corner, fp, carp, dishwasher, tennis, pool, golf, avail May/June. 878-4794, 286-3333.

VT CHALET - Furn, fp, lake, ponds, trails, fish, canoe, golf, tennis, music, theatre, etc. 757-5599 after 4.

VERMONT VACATION - 3 bedrm, 2 bath, fp, all forms recreation. Reasonable. 732-6499 after 6.

S JAMESPORT - 3 bedrm house, kit, liv rm, dining, near Peconic bay. \$195/mo + util. Walt, Ext. 2907, 698-0576.

Wanted

PERSONS INTERESTED IN TRAVEL CLUB - Contact Dot Schroeder, Ext. 3327.

HOME - For 1 1/2 yr old collie, female, spayed, gentle & beautifully kept. Spaulding, Ext. 4509, 473-3305.

REFRIGERATOR - Good running cond, outside not important. Sue, Ext. 3404, 981-1195 after 6.

HOME - For small dog, half dachshund, half beagle, female, very gentle. Frank, Ext. 2410, 281-7113 eves.

OUTBOARD MOTOR - Used, 4-10 hp. Ext. 2081, 878-9384.

STOCKADE FENCE - 6' high, approx 20' length. Nancy, Ext. 2497.

CORDOVOX PLAYER - To fill in w/estab 2-piece band. Charlie, Ext. 3950.

METAL CLOTHES HANGERS - Ext. 3696.

FOREIGN FAMILY TO SHARE EASTER DINNER - W/our family. Lucy & Tom Burrows, 924-8742.

CAR MANUAL - Service/body for '73 Dodge, will pay full price or borrow temporarily. Ext. 2086.

EXCHANGE ALBUMS - Interested in temp exchanging jazz, rock & roll, for purpose of recording on quality equip. Jack or Gary, Ext. 2253/2093.

TO RENT HOUSEBOAT - Long time boat man wishes to rent house boat for use in Bellport Bay, 1 week July or Aug. D. Stoneridge, Ext. 4417, 286-1205.

HOUSEMATE - Someone to share 4 bedrm house in Farmingville, 3 acres land, garage, shed, rent & util approx \$120/mo, 11 mi to BNL. 698-9059 after 5:30.

Car Pools

ROCKY POINT - Gale, Ext. 2969.

NASSAU COUNTY - Driver to fill 4-person car pool. Pool meets near Exit 48 IIE. Al or Jee, Ext. 4216.

Services

PLUMBING WORK - Lic & insured. Walter, 732-1913.

TAXES - Reasonable, John, 732-2472, your home or mine. Ext. 3592.

ASPHALT - Paving & sealing. Bob, 475-4382.

SEE NY PLAY - Join group to see "Colored Girls," 4/30. 732-6262 eves, Ext. 2456.