

## BNL's Don David At United Way

"What the world needs is more charity," says Don David, BNL's loaned executive to United Way this year. "When a Girl Scout comes knocking at my door, I can't turn her away without buying a box of cookies. I have the same attitude about United Way. It's a worthy cause, and as a



Mort Rosen

Don David

loaned executive, my job is to tell others about it."

Don David's term is a little over two months. His services are donated by Brookhaven, but he does not spend his time organizing the Lab's campaign. Instead, he is assigned an account of 40 Long Island companies and solicits contributions from them.

"Most of the companies on my list have a history of donating to United Way, and large companies even run their own campaigns. For those who don't, however, I get their annual drive started," says David. To

do that, he begins with a phone call to the company president. With top level approval, he then arranges a session with employees to show the United Way film and to make a short talk. He always carries a supply of payroll deduction cards and service directories to hand out.

The service directories are useful items. "Besides showing you where your donation is going," says David, "You can turn to a directory if you need help." The 105 self help, human care agencies supported by United Way are listed and described.

"In one way or another, United Way touches the lives of most people here on Long Island," David says. "When I speak to employees, I tell them that no gift is too small. Even 50 cents a week adds up to \$25 over the year."

Can the job get discouraging?

"Yes," David admits. "Besides my original 40 companies, I also have a list of 40 more companies that have never donated before." Sometimes, his phone calls to these companies go along like this: "Hi, I'm Don David and I'm calling for United Way." Click.

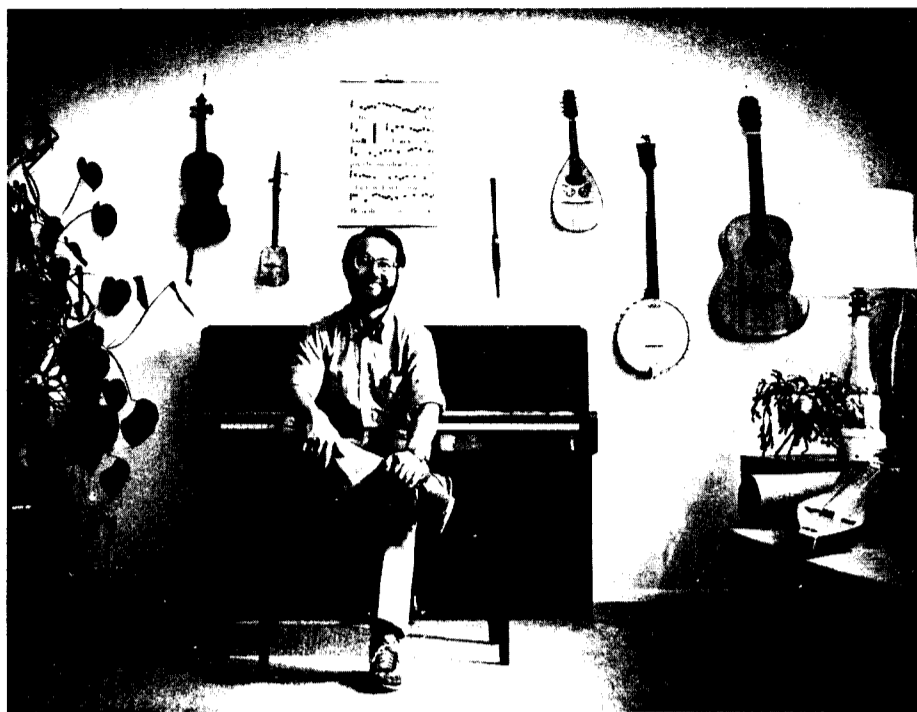
When he makes several calls like these in the course of a day, the encouragement of other loaned executives around him and the enthusiasm of the paid staff keep him going.

David works out of the United Way offices in Melville. There, all the loaned executives, about 40 from various companies, start their day in a large room full of telephones. "We share information, problems and advice," says David.

A paid staff of 17 persons works full time for United Way Long Island. According to David, they handle Nassau and Suffolk counties. Last year, contributions totalled five million dollars.

David reports that over 85% of all dona-

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Alan Bieber at his home in Shoreham, surrounded by his collection of musical instruments, some of which he has made and others which he has picked up in various parts of the world. The manuscript in the background is a 17th century copy of a mass. Music and musical instruments comprise just one area of Bieber's far-ranging interests. — photo by Humphrey

## Bieber: Interested and Interesting

If there were to be a colony in space in the near future, one of the first applicants for a post on that new frontier would be archaeologist Alan M. Bieber, Jr., of DNE's Nuclear Safeguards. Archaeologist? Nuclear Safeguards? Hold on now. How did an archaeologist find his way into nuclear safeguards?

It's not so strange, if you're Alan Bieber and interested in just about everything and not wedded to one particular field. To him learning about a lot of things is not a chore, it's fun, and he believes the greater your range of interest, the more effective you can be in whatever your area of endeavor.

Bieber did his undergraduate work at Yale with the intention of majoring in geology. Early on, he discovered that this was not his calling, and because of his interest in biblical history and archaeology, switched to the latter in which he got his B.A. in 1970. In the next seven years, he obtained an M.A. and a Ph.D. in anthropology from the University of Connecticut.

His involvement with Brookhaven started with his participation in an archaeological dig at Tell Gezer, Israel, in 1969. A year or so later at grad school, he ran into his Gezer field supervisor who said they were looking for someone who would like to learn how to do neutron activation analysis on pottery. Although, as he says, "I hadn't the foggiest notion what neutron activation was, it sounded interesting," and he took on the task.

In 1971, he spent six weeks with Ed Sayre and Gar Harbottle in the Chemistry Department learning the technique, and doing some analysis of the Gezer shards. In the summers of 1972 and 73 he was on the staff of the excavations at Idalion in Cyprus, and back at BNL used the technique for the analysis of the Cypriot pottery. For four years, he spent an increasing amount of time at Brookhaven, and wound up doing all his research for his Ph.D. thesis here. His topic: Neutron Activation Analysis of Archaeological Ceramics from Cyprus.

During the course of his work at BNL, he also learned a lot about computer programming, multivariate statistics and "things of that ilk." While waiting for a postdoc appointment to open up in the fall, he needed something to tide him over during the summer of 1975. (He has been married for 10 years and has two children). So he scouted around the Lab in the hope that someone might have use for a "reasonably good computer type." It so happened that the Technical Support Organization of DNE was looking for just that. The temporary job led to a permanent one and he has been on the staff of DNE ever since.

But Bieber isn't still in nuclear safeguards

just because it's a job. He enjoys it and finds it satisfying. In his particular area, he says, "we do a little hardware and a lot of thinking and writing." For the past two years he has been involved in the preparatory work necessary to implement IAEA safeguards in the United States. This implementation is awaiting Senate ratification of the Agreement for the Application of Safeguards. To Bieber, the whole area of safeguards is of immediate importance and is a job that has got to get done.

One of his interests paid off when his group was asked to do a booklet for guards at nuclear facilities. Because he shot a lot with his father during his youth in Colorado and one of his hobbies is target shooting, he felt he was able to contribute constructively to the part of the booklet dealing with the use of firearms.

Which leads to Bieber's other interests. And they are many. He likes to build things. So far he has built three Appalachian dulcimers, and a banjo and has rebuilt his guitar. He plays all those instruments "a little" as well as a recorder. The Biebers have just bought a piano and he is looking forward to learning to play this instrument. He likes all music, except disco, which he dismisses as "plastic music, awful." He sings in a local community chorus.

He has been a ham radio operator for 15 years and is a member of the Amateur Radio Emergency Service which coordinates with service groups in times of local disasters, such as hurricanes. He is also a member of the Coast Guard Auxiliary. He built a radio direction finding station at his home and the roof is festooned with antennas, so if somebody gets lost in the Sound or Great South Bay, he can help the Coast Guard find them.

And what's more, he's a science fiction freak. "Science fiction is neat," he says, "because it's full of intellectual toys and is free from the constraints of everyday thinking." Although he admits that much of it is "garbage," he reads it anyway. He has never tried his hand at writing in this field, but he's thinking of it. He would like to construct a story based on the premise that as most people view everything in terms of bilateral symmetry, — dualisms such as good or bad, tall or short, etc. — how would a race that was radially symmetrical think, for example, an intelligent starfish?

(It is interesting to note here that two editions of Astounding Science Fiction, July 1949 and May 1952, included articles on BNL. Though the articles were about the actual work being done here, apparently such work was considered sufficiently astounding to be included in such a publi-

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## 7,310, 000,000,000,000,000 At AGS

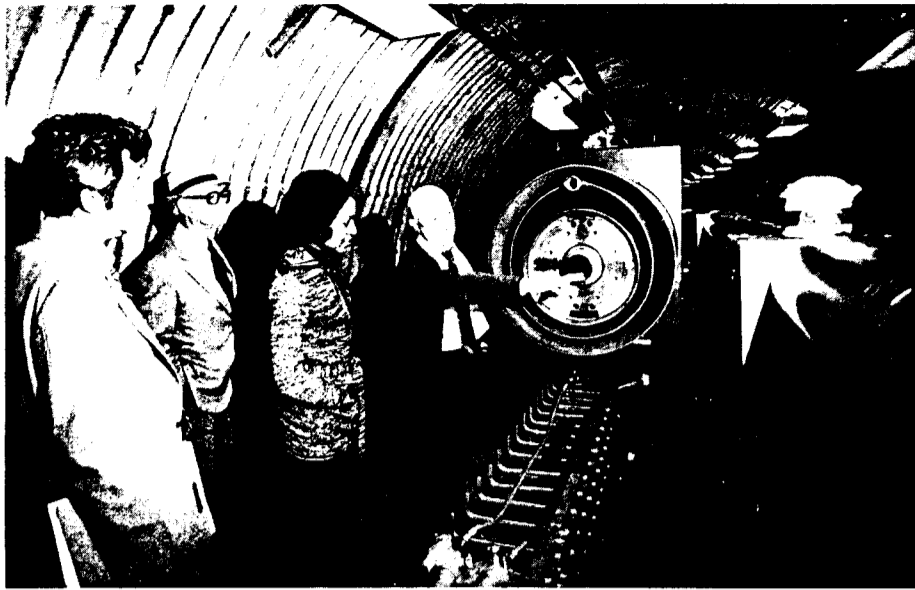


AGS personnel celebrate the record proton fluxes with the experimenters. Standing in front of the proton beam line control console are John LoSecco, Woody Glenn, John Ryan, Andy Soukas, Rich Skelaney, and Ray Zaharatos (left to right). Kneeling are Bill Weng and Larry Sulak. Absent when this picture was taken were Ed Gill and John Gabusi, who also helped to tune the AGS for the run. — photo by Humphrey

On October 22 the AGS finished a special run for a group of experimenters from Harvard and BNL. The run required that the proton beam be accelerated only to 0.8 GeV, a small fraction of the usual full energy of 28.5 GeV. Why a record "low" energy for the AGS? The experiments needed a beam of low energy neutrinos, particles which are created by proton collisions. The experimenters were trying to see whether the most common kind of neutrino, called a muon-type neutrino, ever turns into an electron-type neutrino. For a good experiment, a very large number of low energy neutrinos were needed.

Since it takes the AGS less time to accelerate protons to energies below the maximum, the lower energy also helped increase the number accelerated. Special power supplies were hooked up for the main AGS magnets, and the experimenters and AGS personnel worked together to modify the proton transport system to handle the "slow" protons. The AGS run started in the heat of summer, survived the hurricane rains of September, and finished by establishing a new record for protons accelerated in one week,  $7.31 \times 10^{18}$ . In all,  $34.6 \times 10^{18}$  protons were accelerated — enough to send the experimenters home happy.

**Washington Visitors**



Officials from the DOE Office of the Inspector General visited Brookhaven last week and toured several facilities. At the ISABELLE prototype tunnel, Julius Spiro, Accelerator, points out sections of the magnet and vacuum chamber to Marian Bennett, Executive Assistant for the Deputy Inspector General; Edward Heller, Assistant Inspector General for Inspections; and Thomas Dunn, Executive Assistant for the Inspector General. —photo by Humphry

**More On Soc. Sec.**

The Payroll Office is still being deluged by inquiries from employees as to what has been done to resolve the Social Security error in not crediting 1977 second quarter earnings to BNL employees earning records.

Although the wheels of bureaucracy grind slowly, Maurice DuBois, Payroll Supervisor, now has it on record that the Social Security Administration in Baltimore is aware of the situation and has sent a duplicate copy of the report in question for processing. However, as noted by the chief of the Records Adjustment and Correspondence Branch in a letter to DuBois, "because of the emphasis on processing reports received under combined annual wage reporting, our quarterly delinquent report operation has been greatly delayed. Although we can assure you that your report has been sent for processing, the wage information will not be available for record purposes until some time in early 1980."

So hang in there, but don't expect to see these earnings reflected in your Social Security earnings record until some time next year.

**United Way**

(Cont'd)

tions goes to agencies, leaving very little for operating costs. From what he has seen during his tenure as a loaned executive, it is a true number. "The campaign relies on loaned executives who work during the initial months of the campaign, allocation people who sit on committees and assign funds, and literally thousands of concerned people who do volunteer work to raise money in their companies."

David thinks that the experience has made him much more aware that charity works. "It's different seeing it first-hand," he says. "I expected to find some good coming out of all this money and effort, but I didn't realize just how effective United Way is."

So when your payroll deduction card comes in the mail, remember that no gift is too small.

**Wiswall Retires**



Mort Rosen

Richard H. Wiswall, Chemist in the Department of Energy and Environment retired on Wednesday, October 31, after 30 years at the Lab. He first came to Brookhaven in 1949 to experiment with breeder reactor fuel cycles using thorium fluoride. Later, he worked on liquid metal fuel reactors, high temperature chemistry in nuclear technology, and nuclear fuel processing. In 1966, he expanded his research interests to include chemical methods of energy storage and conversion. With James J. Reilly, Wiswall developed a method of storing hydrogen in the form of a metal hydride. Together, they experimented with various alloys, significantly iron-titanium, that would absorb hydrogen. Most recently, Wiswall worked on thermonuclear reactor technology, studying the extraction of tritium from lithium compounds.

Dr. Wiswall is looking forward to his retirement. Over the years, he has compiled a list of quite a few retirement activities. He wants to spend more time with photography and painting. He is also interested in writing feature articles interpreting science to the layperson.

**Arrivals & Departures**

**Arrivals**

- David W. Campbell..... Ph. & Gr. Arts
- Reed R. Corderman..... Energy & Env.
- William H. Dalton..... Central Shops
- Robert P. DeCarlo..... Central Shops
- Linda E. Ducoing..... Adm. Sys. & Data Proc.
- Homayoun T. Ghaffari..... Energy & Env.
- Jenuk Kabua..... Medical
- Jerilyn M. O'Leary..... Safety & Env. Prot.
- Jean F. Renardy..... Accelerator
- Patrick J. Ryan..... Safety & Env. Prot.
- Richard C. Schultz..... Medical
- Dhanwant S. Sethi..... Energy & Env.
- Kenneth W. Sommer..... Accelerator
- Anette H. Waldron..... Energy & Env.
- David D. Warner..... Physics

**Departures**

- Habibo Brechna..... Accelerator
- James A. Bell..... Energy & Env.
- Frank A. Castellano..... Applied Math.
- Patricia A. De Santis..... Applied Math.
- William Elasiak..... Central Shops
- John P. Karkheck..... Energy & Env.
- Theodore J. Krawiec..... Energy & Env.
- Thomas H. Ku..... Medical
- Walter C. Lindsay..... Nuclear Energy
- Robert H. Swendsen..... Physics
- Harold J. Wiesmann..... Physics
- Richard H. Wiswall, Jr..... Energy & Env.
- Richard S. Yeo..... Energy & Env.
- Hilde Weber..... Supply & Materiel

**Cafeteria Menu**

**Week Ending November 9, 1979**

- Monday, November 5**
  - Tomato vegetable soup (cup) .35 (bowl) .45
  - Vegetarian omelet & fries 1.30
  - Spaghetti & meatballs w/garlic bread 1.35
  - Hot Deli - Pastrami (on bread) 1.40 (on roll) 1.50
- Tuesday, November 6**
  - French onion soup (cup) .35 (bowl) .45
  - Macaroni & cheese & 1 veg. 1.25
  - Meatloaf & hot German potato salad 1.45
  - Hot Deli - Corned beef (on bread) 1.40 (on roll) 1.50
- Wednesday, November 7**
  - Pepper pot soup w/spaetzle (cup) .45 (bowl) .55
  - Tuna noodle casserole 1.30
  - Southern fried chicken w/corn fritter 1.35
  - Hot Deli - Veal pattie & peppers hero 1.35
- Thursday, November 8**
  - Chicken noodle soup (cup) .35 (bowl) .45
  - Pork & cabbage crisp 1.40
  - Beef hash & 1 veg. 1.25
  - Hot Deli - Baked Virginia ham (on bread) 1.35 (on roll) 1.45
- Friday, November 9**
  - Manhattan clam chowder (cup) .45 (bowl) .55
  - Fish fillet cheese melt & 1 veg. 1.45
  - Hot chili con carne on rice w/corn bread 1.40
  - Hot Deli - Sandwich steak (on bread) 1.40 (on roll) 1.50

**Hospitality News**

A morning coffee will be held Monday, November 5, from 9:30 to 11:30 a.m., in the Brookhaven Center.

Janet Eavers, who demonstrated the art of cake decorating at our last Tea and Sherry Party, has graciously offered to repeat this demonstration at this morning get-together.

All wives of Laboratory employees are welcome. Please come and bring the children. Babysitting will be provided free of charge. It is suggested that you bring along a toy or two for your child to play with.

**Winter Is Coming**

All Laboratory vehicles have been prepared for the season; heaters have been checked and antifreeze added.

The Automotive Maintenance Shop requests that no water be added to cooling systems except in emergencies, and, if such an emergency occurs, that they be notified so that antifreeze can be assured.

Your cooperation will be appreciated.

**Cellist In Concert**

Colin Carr, cellist, will perform on Tuesday, November 13, 8:30 p.m. in Berkner



Colin Carr

Hall. The concert is the second in a series sponsored by BERA.

Mr. Carr gave his New York recital debut

**Bieber**

(Cont'd)

ation. Bieber quotes Clarke's Law - Arthur C. Clarke, astrophysicist and British science fiction writer: "Any sufficiently advanced technology is indistinguishable from magic."

But, if it can happen in time for him, Bieber is quite serious about wanting to be a colonizer in space. He did apply to NASA's call for mission specialists, and was very disappointed to find that his vision was not good enough to be considered for that program. Although he knows that other people think of space exploration as low on the list of national priorities, he thinks such an investment would pay off economically. For instance, he says there are things that can be made only in space, but could be used here. He doesn't know what attributes a space colonizer should have, but if he can, he will find out and prepare himself accordingly. In the meantime, he is devoting his intelligence and enthusiasm to what he is doing now: "we've got to keep from blowing each other up, or there will be no colonies in space."

in January 1979, as winner of the 1978 Young Concert Artists International Auditions. The twenty-one year old cellist received enthusiastic praise from the press. The New York Times wrote: "Mr. Carr... proved to be a big talent. The cellist... made it clear from the first notes that he had reached the stage at which he could concentrate on playing the music rather than playing the cello. He also played the cello and remarkably."

A native of England, he has performed extensively in his own country and throughout Europe, frequently as a soloist with symphony orchestras of stature, such as the Amsterdam Philharmonic, the Berlin Radio Orchestra and the Royal Philharmonic Orchestra.

In his recital at Brookhaven, Mr. Carr will be accompanied by pianist Jonathan Feldman. The program will include the Prokofiev Sonata in C, Opus 119, the Kodaly Sonata for Unaccompanied Cello, Opus 8, and the Beethoven Sonata in A, Opus 69.

Tickets are sold at the door before the performance and no reservations are needed. General admission is \$5; students and senior citizens, \$3; and persons under 18, \$2.

**Duplicate Bridge**

Last week's game, under the direction of Barclay Jones, resulted in a victory for Bob Lambiase and Paul Picuolo over Dibyendu Bannerjee and Sachi Dhar. Bob and Judy Mills were third with David and Lillian Jellinger fourth.

Interested in playing competitive bridge? Come and join us at 7:15 p.m., Thursday evenings, Brookhaven Center Dining Room. For more information, contact Bharatt Bhatt, Ext. 2966; Debu Majumdar, Ext. 2633; or Colin Durston, Ext. 2598.

**Selected Reading**

- Impact Sci. Soc. 29, July-September 1979 Creativity, hard work and long life. A. Galayeva. 281
- Lancet No. 8145, October 6, 1979 If I had £2500 million to spend on cancer. 727-8
- New Sci. 84, October 18, 1979 A pain in the back. R. Eagle. 170-2
- Sci. News. 116, October 13, 1979 Acid rain in the spotlight. 244
- Blitz to declassify reveals bomb secrets. 247
- Nature 281, October 4, 1979 Still a nuclear advocate: Alvin Weinberg. 335

**Cross-Number Puzzle**

1	2	3
4		
5		

(There are no 0's.)

**Across**

- 1. The square of 5 across.
- 4. Each digit is greater than the one before.
- 5. See 1 across.

**Down**

- 1. The digits are all even, and each one is less than the one before.
- 2. Odd; the sum of the digits is 18.
- 3. The digits are different, and their sum is 10.

(Solution on page 4)

—from *A Diversity of Puzzles* by E.R. Emmet. Reprinted with permission from Harper & Row, Publishers, Inc.

# BROOKHAVEN BULLETIN

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for the employees of

**BROOKHAVEN NATIONAL LABORATORY**

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## Letters To The Editor

To the Editor:

A 19 year old member of my family receives chemotherapy treatments, which kill the white blood cells she produces naturally. White blood cells are necessary to fight infection, so she needs them in her system. To further complicate matters, she has type O negative blood, which is found in only a very small portion of this country's population. This is why I am publicly asking for volunteers with O negative blood who are willing to be put on a list of people I can call in case someone is needed. If you can help, please call the following people on site: Marty Montag, Ext. 4062; Joyce Montag, Ext. 4117; or Dick Seebeck, Ext. 4313.

Marty Montag

To the Editor:

I would like to contact former enrollees in the Civilian Conservation Corps from 1933 through 1942. The National Association of Civilian Conservation Corps Alumni plans to throw its support behind state and federal programs which emphasize youth and senior citizen involvement in conservation work.

If any present or former employees who were enrolled in the CCC are interested, I would appreciate it if they would contact me at the address below.

Joseph T. Meyer (retired)  
56 Harris St.  
Patchogue, N.Y. 11772

## Women's Group Meets

The Women In Science Association will have a brief business meeting, followed by a talk entitled: "Laboratory programs and plans," by Deputy Director Warren Winsche, on November 8 at 5 p.m., Room B, Berkner Hall.

Coffee, tea and wine will be available and a charge of \$1.00 will be collected at the door. The meeting is open to all interested persons and if you plan to attend, call Vicki McLane, Ext. 2902, or Rosemary Cohen, Ext. 3480, by November 1.

If you have not yet joined the association and wish to do so, the annual membership fee is \$2.00.

## Basketball

Teams are being organized for the 1979-80 basketball season. All those interested in joining the league are asked to report to the gym next Thursday, November 8, at 6:30 p.m.

## Tennis

This year, the Brookhaven tennis team placed second in the top division of the Long Island Industrial Tennis League, which includes a total of 24 teams divided among three divisions. BNL had a record of 10 wins and four losses. Team members were: Naresh Bhagat, Jean-Paul Capony, Jag Dalal, John Elmore, Kenneth Foley, Michael Gingold (summer student), Andrew Kevey (co-captain), Thomas Koetzle, Lee H. Linton, J. Steve Munson, Laurence Passell, Edward Platner (captain), Arnold Sandberg, Stephen Shapiro, and Peter Vamier.

## Bowling News

### Purple & White League

Congrats to Ben Belligan for rolling the first 600 series for this season and high game for the night. Ben had a 613 series with games of 225/206/182. Joyce Pinelli had high game for the ladies with a 203. Jim Griffin had games of 218/204/173 for a 595 series. Pat Lebitski converted the 5/8/10 split. Other good games were Jim Petro 214, Nate Carter 205, Marshall Bull 203, Tom Eriksen 201, Ken Riker 202, Ed Meier 200, Helen Keeley 180, Nancy Erickson 180, Pat Manzella 179.

### Gold League

Fission is still in first place. Nice games were bowled by Marsha Kipperman 178, Judy McNamara 170, Chris Bortscheller 165.

### Blue & Gold League

The Aquanauts and Double Trouble are tied for first place. Larry Musso had high game with a 215/630 gross series. Bob Glasmann had a 188/665 gross series. Budd Pollock had a 185 and Rick Murgatroyd a 518 scratch. Nick Masciopinto snapped up the 6-7 split. Betty Roche had high game for the ladies with a 183/620 gross series. Barbara Murgatroyd had a 158/613 total series. Lil Cahill had a 158 and totaled out with a 627 gross series. Mickey Haller rolled a 154 and Audrey Bangel 153.

### Green League

The Blue Jays took 7 from the Freon Loaders. The Trouble Shooters, in second place, took 3 from This Isa Team. The Light Source took 3 from the Designers

with R. Wiseman bowling a 211. The Sparks split with the Old Timers 6-5. For the Sparks, B. Kristiansen had a 202, B. Sick a 202 and J. Cockrane 212. The Pinball Wizards with only three men took 11 from the Sandbaggers. G. Meinken had a 212. The Phoubars took 3. The Old Timers II could only manage 3 from the 76'ers with B. Galen bowling a 202 and G. Fales 203.

### Pink League

Three ladies share the limelight for a 500 plus series: Ellie Kristiansen 518, Helen Keeley 502 and Pat Jencius 501. Other good games were bowled by Marie Grah 194 and Marge Stoeckel 171. The Stars & Strikes and No Names are tied for first.

### Red League

Great team bowling by the Old Timers (3038 pins) but they only managed 5 from the Sparks. W. Reams (208) 642 gross, J. Roesler 625 gross, R. Adams (202) 615 gross and R. Smol (216) 610 gross. This Isa Team won 8-3 over the Trouble Shooters. R. Barberich had 222/204 games, N. Greenlaw 201 (615 gross) and E. Sperry IV 205 (606 gross). The Designers won 8-3 over the Light Source. E. Hassell (206) grossed 655. The 76'ers (3003 pins) took the Old Timers II 8-3. J. Morris had a 636 gross, R. Larsen (200) 617 gross. The Strangers also won 8-3 against the Phoubars. R. Meier Jr. grossed 630 and R. Fannan 614. The Freon Loaders only managed 4 against the Blue Jays. F. Stahman had a 608 gross and R. Marlow 605. The Sandbaggers were shut out 0-11 by the Pinball Wizards. E. Meier (208) had 648 gross pins for the losers.

## Mountain Club

A backpacking trip to Mt. Marcy in the Adirondacks is planned for the weekend of November 10-12. Anyone interested should contact Steve Spencer, Ext. 3401, or John Elmore, Ext. 3651, as soon as possible.

## Touch Football Playoff

In a matchup that failed to settle the question as to which was the better team, the Degenerates, entering the game with a 3-5 regular season record, underwhelmed previously unbeaten ROGA in the BNL Football League playoffs.

ROGA dominated all but the scoring in the first half, spending most of that period camped short on the goal line. Only dropped passes, timely interceptions, and a crucial quarterback sack by John Martorella kept ROGA from running away early. The Degenerates advanced beyond mid-field only once; this on the last series of the first half when they tallied on a long pass/lap catch from Jerry Shepherd to Steve Munson.

This combination clicked again early in the second period to build a 12-0 lead. But, behind the cool hands of Lew Snead, ROGA crept back. First on a long strike to Ed Taylor in the end zone, then with another to Dave Lieberman and an extra point catch by Dennis Nordstrom, ROGA assumed control 13-12.

A desperate pass by Shepherd was intercepted on the first play of the next series and ROGA held the ball, determined to eat up the clock. Following the turnover and with less than a minute remaining, the Degenerates regrouped deep in their own territory and started the march upfield. First a short pass to Munson, a second to Hahle, and then a third to Krawiec. With no time left, Shepherd faded to hit Munson crossing short in the end zone. The pass fell incomplete but, because interference was called and a game can't end on a foul, the Degenerates were allowed one last play... and they made the most of it. Shepherd, scrambling to his left, nearly gutted Steve Howe with a bullet. Touchdown! Game! And, by a score of 18-13, the playoff championship!

### ROGA - Regular Season Champions (8-0)

Ed Taylor, Lew Snead, Ray Jones, Dennis Nordstrom, Don Litcher, Mike Losquadro, Leroy James, Dave Lieberman, Ted Daniels.

### Degenerates - Playoff Champions (6-5)

Jerry Shepherd, Rich Poudier, Mike Hahle, John Marterella, Ted Krawiec, Gary Goldstein, Steve Howe, Steve Munson.

## STOP - School Bus

A number of high school students are participating in a cooperative program at the Laboratory. They are transported to and from the site in school buses. Employees are cautioned that when they see the flashing lights of a yellow school bus, they should stop their cars and wait for students to get on or off the bus.

## Table Tennis

A table tennis tournament will be held at Stage II starting on Monday, November 5. The tournament will be conducted in two separate groups: a stronger group in the main event and a weaker group in a consolation event. This group separation will be determined by some preliminary matches and the results of the ladder tournament in the past. Each group then plays a round robin handicap event (the tournament committee will establish handicap points for each player based on his level) to decide the winners.

Prizes for the first three place finishers will consist of: 1st - 1 sheet of rubber (your choice of Sriver, Mark V, Black Power, Phantom); 2nd - 1 doz. Nikkaku balls; 3rd - 1/2 doz. Nikkaku balls.

Anyone interested in participating should contact Charlie Zein, Ext. 3950, or Sam Cheng, Ext. 2611, no later than November 5.

## Runner's Corner

Where can you get a guided tour of a major city, drink all the liquid you want, get a chance to be on national television, see famous people and get a banana, yogurt, a bottle of Perrier, a T-shirt and a medal - all for \$5.00 - how about the 1979 New York City Marathon?

Sprinkled among the 11,500 or so finishers were Bill Rogers, Grete Waitz (the top male and female sprinkle) and the BNL Marathon team, all sharing a victory over the tough 26.2 mile five-borough course. Fourteen BNL runners successfully battled potholes, 80° temperatures, jarring bridge gratings and a hilly Central Park to record some fine performances. Unofficial times for the finishers were Ted Landry (2:39), Dave Judkins (2:43), Dick Fuller (2:51), Jerry Sbarra (3:25), Terry Frei (3:33), Dennis Nordstrom (3:39), John Beerman (3:59), Wen-Shi Yu (4:06), Rick Scheidet (4:11), Peter Adams (4:28), Dave Penoyar (4:32), Sol Pearlstein (4:40), Helen Duggan (4:54) and Jill Kaufman (5:28). For Nordstrom, Yu, Adams, Duggan and Kaufman it was their first attempt at this distance.

National television viewers were treated to a glimpse of the BNLer's determination as Dick Fuller and Dave Judkins set a blistering pace over the Verrazano Bridge.

It wasn't all fun and games for some BNL runners - in fact, it was quite frustrating to those who trained long and hard for the event and were unable to finish the race. Illness forced Jack Baer to scratch the day before the race, while Pat Gilleeny (heat exhaustion), John Ferrero (stomach cramps) and Tom Ruth (leg cramps) were forced to shelve their plans during the late stages of the race. Although nursing a leg injury, Gus Prince accompanied the runners to the start and helped settle down many of the nervous runners before he ran an easy 5 miles of the race.

Throughout the entire race the familiar cry, "Go BNL" echoed in the crowds and encouraged the runners to push on. At times it seemed like the loyal BNL supporters were running the race; they were everywhere. After a quick shower, a few laughs and some good food the contingent headed home undecided as to whether to tackle the distance again.

There will be a general meeting for all BNL Roadrunners on Friday, November 9 at noon in Berkner Hall, Room A, to discuss winter plans. All interested runners and friends are invited. Bring your lunch.

## R/C Aircraft Club

There will be a meeting at Berkner Hall, Room C on Wednesday, November 7 at 12:00 noon. The purpose of this meeting is the election of officers for 1980. The nominations for president are Bob Larson and Jim Durnan, for vice-president Jim Durnan, and for secretary-treasurer John Nicoletti and Manny Santos.

Anyone with questions about the club is invited to attend. For more information contact Bob Larson, Ext. 4656 or Jim Durnan, Ext. 2485.

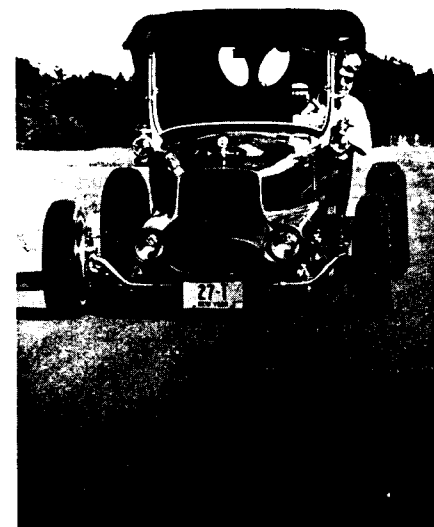
## For Car Buffs

Would you believe that this was once an original 1927 Ford Model "T" pick-up truck? Tom Muller, at the wheel, borrowed this elegant hot rod from his friend and brought it on site recently to show to other car buffs. The car has been featured in Life magazine, Hot Rod magazine, TV commercials and a movie.

The owner, Ed Eaton of Center Moriches, bought it in 1952 from a Hicksville farmer who had last used it to haul potatoes. It was sitting in a field all rusted out.

Eaton gave it a tubular steel frame, a '49 Ford Flathead V8 and a '39 Cad/La-Salle three speed stick. He took it to drag races up and down the east coast; it could go from a standstill to 130 miles per hour in 1/4 mile.

In 1964, the car's body was completed as it is today. Equipped with a 283 "small block" Chevy engine, it gets 17 mpg cruising around town. —photos by Humphrey



## Classified Advertisements

### Placement Notices

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

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

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

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

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

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

**FLUID DYNAMICS ENGINEERS** - Positions open in Nuclear Safety Programs for Ph.D. engineers (Mechanical, Nuclear, Chemical or Aeronautical) to work in the area of containment systems for water cooled nuclear reactors. Contact: Mr. Anthony J. Romano, Department of Nuclear Energy.

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

1139. **SECRETARIAL POSITION** - AAS degree in secretarial science or equivalent experience performing diverse secretarial duties including technical typing. Will be responsible for processing scientific papers, travel vouchers, and general correspondence for scientific and professional staff. Department of Nuclear Energy.

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

1140. **TECHNICAL POSITION (Mechanical)** - Requires AAS in mechanical technology or equivalent capabilities with working knowledge of performing stress tests of various chemicals and stainless steel materials. Ability to operate furnaces, pressure vessels, and electronic equipment is desirable. Work will involve mechanical testing of materials for various scientific staff members of the Corrosion Science Group. Department of Nuclear Energy.

1141. **TECHNICAL POSITION (electronic)** - Requires AAS in electronics or mechanical technology or its equivalent capabilities. Will calibrate and operate experimental equipment used to measure nitrogen in the human body. Will work for project involved with the relationship of cancer, diet and nutrition. Medical Department.

1142. **CHEMISTRY ASSOCIATE** - Requires experienced programmer with hardware skills. Familiarity with communications interfacing, electrical wiring practices and graphics devices is very desirable. Will work with scientists in chemical lab automation and chemical computation projects. Chemistry Department.

1143. **CHEMISTRY ASSOCIATE** - Requires BS in chemistry equivalent with experience in organic synthesis. Will work with a research group which is involved in developing radiopharmaceuticals for use in position emission tomography. Chemistry Department.

1144. **MEDICAL ASSOCIATE** - Requires BS/MS in statistics or equivalent with specialized training in utilizing computer programming to analyze biometric problems. Will work with various scientific research groups and CSCF in developing and implementing data management and analysis programs. Medical Department.

1145. **COMPUTER SCIENCE ANALYST** - Requires BS in computer science or equivalent experience with working knowledge of systems development. Prior work experience with large scale computers is very desirable. Will work within technical support division, with the systems development group. Applied Mathematics Department.

1146. **TECHNICAL POSITION** - AAS degree or equivalent capabilities with experience in the construction, testing and leak checking of ultra-high vacuum systems. Will work in the vacuum group on the development, installation and test of sophisticated vacuum systems. Accelerator Department/Isabelle Project.

### Autos and Auto Supplies

75 VW RABBIT - \$2350. K. Fuchel, Ext. 4116.

72 FORD - family size, avail now. Ext. 4395, 653-4195.

68 VW SQUAREBACK - body fair, eng good, 25 mpg. \$300. C. Goodzeit, 286-0271.

VW WHEEL - 5-hole, 15", pre-1968; also kingpin assembly, right side, 54-65. Ext. 3293, 727-3851.

68 PONTIAC CATALINA - p/s, runs well. \$195. Ext. 7666, eves 724-3826.

77 GMC SIERRA 35 - 1 ton pickup, h.d. everything, 4 spd. \$4200. Ext. 3284.

72 GRAN TORINO - 4 dr, a/c, good tires, good running cond. \$450. Ted, 864-2598 after 6.

73 COUGAR - ps/pb, a/c, brown. \$1450. 286-8356.

73 AMC HORNET SPORTABOUT - high mi, a/c, a/t, good running cond, good tires, reg gas. \$750. 286-8517 after 5:30.

13" RIMS - for Valiant, & 15" rims for Olds. \$10/pr. Ext. 2041.

74 DATSUN HATCHBACK - 4 new tires. \$1000 firm. Charlie, Ext. 4351.

TIRES - (4) C78-13, nearly new. \$100. J. Yerry, Ext. 2350, 878-4506.

73 T-BIRD - orig owner, excel cond, white int, all pwr, new SB radial tires. \$1800. Ext. 4229.

73 VW LEFT REAR FENDER - 1973? in prime paint. \$20 firm. Mike, 473-2608.

TIRES - on 14" Chevy rims, G78-14, 1 mo old, white. 2/\$50. JU1-5827.

73 CHEVY PICKUP - ¾ ton, 4 w/d, needs body work. \$1500. 653-5676.

74 CHEVY VEGA - \$550. 399-3282.

66 VW ENG - pancake type 3, 6 volt w/starter & batt, was running when removed. Make offer. Steve, Ext. 2011.

TIRE - nylon, tubeless, (1) 6.95/7.35-14, \$10; 2 snow tires, Guardsman B78-15 w/rims, like new, \$25 ea. Jean, 727-2038.

68 JEEP WAGONEER - 4 w/d, a/t, good body & int, motor needs work. \$800. Nick, 286-9249.

72 PONTIAC STA WGN - excel cond, p/s, p/d/b, 350 eng, many new parts. \$1350. Steve, Ext. 4297.

65 FORD GALAXIE - 4 dr, 6 cyl, very good running cond, good tires + 2 practically new snow tires w/rims. Asking \$350 or best offer. Noreen, Ext. 2815, 727-9016.

71 PONTIAC CONV - new top, ps/pb, a/c, 4" white sidewall tires, perf cond. \$3650. 473-3987.

65 BARRACUDA - hatchback, red, needs batt, good cond, slant 6. \$200. Bob, 744-5871.

4 TIRES - L78-15 w/spoked rims for Ford, 1 tire brand new, other 3 good cond. \$200. Ext. 2951.

2 PONTIAC RIMS - 14". \$5 ea. H. Rhodus, 924-3522 after 5:30.

AUTO SPKRS - (2) 6"x9" Audiovox Triaxial spkrs, excel cond. \$30. Bob, 289-0413.

71 FORD TORINO STA WGN - runs well, needs body work. \$600. Hank, 744-9812.

72 MAVERICK - 6 cyl, a/t, 53,000 mi. Hung, Ext. 4453 or Ext. 3005 nights.

76 THUNDERBIRD - loaded, wire wheels, excel cond, mounted snows, must sell. 924-0581.

SNOW TIRES - 645-14 (C78-14), used 1 season. \$20/pr. Walt, Ext. 3399, 567-2345.

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

70 PLYMOUTH SPORTABOUT - Satellite Wgn, low mi, immac cond, 18 mpg, boat carrying roof, new tires, must sell. \$625. Tien, 821-1296.

5 RECAP TIRES - J78-15 mounted/balanced on Ford rims (incl 2 snows), very good cond. \$75. Ext. 4632.

### Boats & Marine Supplies

20 HP MERC OUTBOARD - manual start, needs work, or for parts. Make offer. W. Sanchez, Ext. 3848, 698-3145.

8' SAILBOAT - centerboard, fiberglass, Starcraft w/new sail. \$250; 1973 Winner, 17' Bowrider, hull only, like new, fiberglass. \$650. 924-3082.

27' CHRIS CRAFT CAVALIER - 1965, excel cond. Phil, 727-0842 after 5.

16' DORSETT - fiberglass, w/trailer. \$400. Ext. 4439.

### Miscellaneous

MINI BIKE - excel cond, new clutch, 3.5 hp, \$100; coffee maker, West Bend 12 cup, new, never used. \$20. 744-3764.

POOL FILTER - sand, 15 gal canister w/backflush valve. \$10. Ron, Ext. 4082.

MOWERS - Toro 25" reel, 21" rotary w/3½ hp pwr handle. \$75. Tom, Ext. 2613, 281-4080.

SEWING BOX - w/legs, \$5; Regina elec broom, brand new, \$25; freezer, 32" h, 18½" w, \$75; shredder, bagger, leaf, Sears 5 hp, \$100. Jean, 727-2038.

STNL STL SINK TOP - new, 5', w/basin & faucet, \$100; new ½ hp S&W jet pump, 30 gal tank, all controls, \$125. Pete, GR5-0831.

BABY CRIB - baby Syngomatic; queen size bedrm set, \$300; crystal chest of drawers, more. Pat, 589-0421.

COUCH & ARMCHAIR - crushed velvet, slate top coffee & end table. \$185. 281-0804.

ARTIST CANVASES - 7x9, 3/60¢; tour-a-bed, \$9 Baby Bouncer, \$6; 10 gal tank, \$9. Ext. 4207.

CHAIR - green tweed recliner; white twin headboard; standing lamp; table lamp. 744-9822.

HOT WATER HEATER - oil fired, glass lined, less than 3 yrs old (compl). \$150. Ext. 2417.

CUSTOM FRAMES - solid oak or walnut, 2"x¾", \$4/ft; 2"x½", \$3/ft. Ext. 4050.

LAWN MOWER - needs minor work, \$25; ice box, sink, faucet & 12 gal water tank for RV's, \$80/all. Sue, Ext. 2050, 475-5834.

HUMIDIFIER - Sears roto belt variable spd, 16 gal output, used 1 season, \$50; 2 mini-bikes, 1 excel cond, \$125; other needs parts, eng good, \$35. 744-3764.

SKI BOOTS - ladies, size 5N, 5 buckle Henke, excel cond, \$25; mens, size 10M, 5 buckle, Norstar, excel cond, \$25. 588-5833.

STUDIO COUCH - separate bed underneath pulls out & up, wood frame, zippered covers, very good cond. \$75. Rowley, 286-0975.

SUNFLOWER SEEDS - LI grown, it's strictly for the "birds." Only \$1 for 2 lb pkg. 924-3236.

4 CAST IRON RADIATORS - can be used for steam or hot water. Dinos, Ext. 4666.

FOR HUNTING SEASON - bolt action 30-06, model 1917 sporterized w/scope mount. \$65. Ext. 4051, 286-0436.

REFRIG - United 22 cu ft. \$50. Sue, 286-0407.

INDOOR PLANTS - lg rubber plant, spider plants, etc., you pick up. 727-8631.

TI 59 CALCULATOR - PC 100A printer, leisure, applied statistics, master libraries. \$350. Bob, Ext. 3784.

DOG GROOMING - lotions & powders, \$10 takes all; Shower Massage by Water Pik; Atomic Glass 3000 skis, 190 cm, \$10; Vokyll 170 cm skis, \$45. Frank, Ext. 3898.

HALF-FARE COUPON - (1) United, \$40 or best offer; Corningware 10" fry pan, 1 qt sauce pan, brand new, \$15, \$7.50. S. Spark, Ext. 4111.

CLUB CHAIR - new nylon upholstery, Colonial style. Orig price \$229, asking \$100. 289-0687 after 5.

HEAT EXCHANGER - fireplace insert, 4 tube + grate. Stew, Ext. 3044, 286-8530.

CANNING JARS - 52 qts, 14 pts w/gaskets & caps. 4/\$1, all/\$15. 924-3553.

HOLIDAY SPA - VIP memberships, 2 ea, \$29/yr renewal. Cost \$800, sell best offer. Harry, Ext. 4722.

ICE SKATES - 9½ women, \$4.50; 10 gal tank w/slate bottom, \$9; bowling balls, \$4 & \$6. Susan, Ext. 4207.

PINE CRADLE - \$130; Glockenspiel, \$75; mink coat, \$550; 6/10 C yellow diamond solitaire, \$800. Marisa, Ext. 4024.

HALF-FARE COUPON - (1) A.A. \$50. Evelyn, Ext. 2470.

NEW HANGING LIGHT - approx 20", Mediterranean, blue w/blk iron. \$20. Linda, Ext. 3199.

BOGEN ENLARGER - \$35; joggers ankle weights, \$5; repair manual for 75-77 VW Rabbit & Scirocco, \$6. Gene, Ext. 3519.

HALF-FARE COUPON - (1) United. Best offer. Ed, Ext. 2477, 281-4595.

## Deadline Change

**Beginning Friday, November 2, the deadline for submission of classified ads will be changed from Mondays at noon, to Fridays at 4:30 p.m., for inclusion in the following week's Bulletin. The current procedure concerning "space permitting" will still apply. If your ad does not appear, please do not resubmit as it will be published in the subsequent issue.**

COLLECTORS PLATES - Royal Bayreuth Mothers Day, first 5 editions 1973-1977. Lou, Ext. 2302.

KOWA LENSES - 135mm & 50mm & close-up attachment, very good cond. Ext. 3009/3612.

BICYCLES - (2) girls' 20", excel cond. \$25 & \$20. Gabusi, Ext. 4662 after 4.

HO TRAIN TABLE - 4'x8' w/asstd engs, cars, etc. \$40. Bob, Ext. 2517, 331-3358.

21" ROTARY LAWNMOWER - Homelite. \$25. John, Ext. 4425, 744-4386.

ROLLAWAY BED - 26" alum frame, \$25; F.A.O. Schwarz maple rocking seat (toddler version rocking horse), \$10. 744-1917.

REFRIGERATORS - 19 cu. ft. G.E. Frost Free & 10 cu. ft. Frigidaire. \$95 and \$50. AT9-1755.

19" COLOR TV - Sanyo remote control, beautiful picture, very reasonable. 281-5532 after 6.

2 PINE KITCHEN CHAIRS - \$10 ea; 1 maple bar stool, \$10; 1 solid hardrock maple spindle twin headboard, \$20. 473-1157.

WINDOWS - white D.H. insul w/scr; new (1) 3'x3', \$65; (2) 3'x4', \$75 ea. 924-6582.

TABLE - Thomasville pecan 42x72 w/3 leaves, 8 chairs, rush seats, \$375; lg trunk, crib & mattress, playpen. 286-8309.

HOT POINT REFRIG - good running cond, 10 yrs old. \$50. 288-5697 eves.

MINOLTA-16 Model P, w/Rokkor lens 35/25, flash gun, reflector, bulbs & case, \$25 or best offer; collector's item: Argus Argoflex-75 w/leather case. Ext. 3655, 281-2002.

MATTRESS & BOX SPRING - Simmons Beautyrest, full size, good cond. \$40. Dick, Ext. 2911.

SOFA - gold 4 pc sectional, excel cond. \$120. 281-3992.

WOOD BURNING STOVE - like new, very efficient. Was \$650, now \$500. Janet T., Ext. 4049, 744-8087 eves.

### 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

RONKONKOMA - 2 bedrm ranch, L/R, D/R, extra lg kit, sum rm w/wood br stove, att gar, ½ acre plot, alum siding, fp, near LIE. \$37,500. Ext. 2964, 588-1464.

ROCKY POINT - ranch in the Tides, 3 bedrms, L/R, D/R, den w/fp, fin bsmt, gar, ½ acre, prvt beach, near shopping center, bank & school, many extras. Ext. 3911, 821-1810.

ROCKY POINT - ranch, treed ½ acre, 7 rms, bsmt, all appl, w/w, s/s, owner will hold mtg, 9 mi to Lab. \$42,500. Ext. 3153, 744-8672.

YAPHANK - est neighborhood, 4 bedrm cape, minutes to BNL. \$11,000 cash over \$22,000 assumable 7% mtg \$275/mo pays all. Gwen, Ext. 2589, 924-5578.

RIDGE - house, 4 mi from Lab (within walking distance using fire trails), 6 rms, fin bsmt, den, w/w, decorator blinds throughout, Florida rm, ¾ acre. Ext. 4685.

BELLPORT - in-ground pool, 2-car gar, full bsmt, fp, 5 bedrms, 3 baths, ½ acre on corner lot. \$65,000. Ext. 4779, 1-5; 286-3672 eves & weekends.

MASTIC - Vets special, \$500 total cash to move in squeaky clean, 6 rm ranch, treed plot, tons of extras. Ext. 2547, 281-5498.

RIDGE - ranch-townhouse, 2 bedrms, 5 appl, a/c, w/w, excel cond. \$23,999. 924-7963 after 6.

CORAM - Tanglewood Hills, 4 bedrms, 15x20 den w/fp, L/R-D/R w/w, eik, 2 baths, 2-car gar, fenced, 4 appl, ¼ acre, gas heat, SD #12. Reduced to \$34,000. Ext. 3404, 698-4966.

BELLPORT - charming older home, prime loc, 4-5 bedrms, 3 baths, den, country kit, lg D/R, ent hall, fp, back staircase, front porch, econ gas heat, 2-car gar, .6 acre, walk to shops, beach, dock, golf, tennis. Mid 50's. Anne, Ext. 3404, 286-3764.

PALM COAST, FLORIDA - beautiful over-sized lot, ideal community development, close to beaches, shopping, tennis cts & churches. Knight, Ext. 2501, (212) 527-6315 after 5.

### For Rent

E. PATCHOGUE - 2 bedrms, kit, L/R, prvt ent, residential. \$270/mo (heat incl). Walt, Ext. 2907/2913, 698-0756.

PT JEFFERSON - 3 bedrm nicely furn house on quiet wooded street in Harbor Hills section, prvt beach, avail 2/80-2/81. \$500. 473-3604.

BELLPORT VILLAGE - furn 3 bedrm house, 2-car gar, lg horse barn & paddock, walk to golf, tennis, sailing, shopping, avail Jan 1 for 1 yr. Ext. 3841, 286-9450.

### Wanted

DONATIONS - for Little Flower Orphanage "Flea Market," proceeds to the Little Flower Relief Fund. Pat, 7646.

MOTORCYCLES - bent or broken, any age or cond. Kevin, 281-8031.

HOMES - for cats, altered or spayed, all shots. JoAnn, 744-2821.

RIDER WANTED - NY to Calif, share expenses, any-time now thru Dec 1. Jeanine, 281-5845.

HOUSEMATE - share lg home in Coram, 4 bedrms, 3 baths. \$155/mo + share util. 928-8379 eves.

TAILGATE - for 76 Ford F-150 pick-up; front right fender & front bumper for 73 Barracuda. Jim, Ext. 3350, 473-7853.

HOME - need a good home for 2 New Zealand rabbits (females). Norma, Ext. 4019.

HOME - for 7-wk old, 6-toed, long-hair Calico kitten. Mary, Ext. 4215, HR3-2614.

HOME - moving, must find good home for German Shepherd male, good w/children. Ext. 7780.

HOUSE TO SHARE - Rocky Point area, near water, fp. \$150/mo pays all. Kevin, 821-1296 eves.

### Car Pools

BELLPORT VILLAGE - would like to join existing car pool. D. Makowiecki, Ext. 3493.

SELDEN - Village in the Woods. Ext. 4093.

MASSAPEQUA PARK AREA - need 2 persons for existing car pool. Gene, Ext. 3519; Al, Ext. 4216.

MEET AT LIE EXIT 41 - leave 7:45 am, arrive 6:00 pm. Jim, Ext. 4605.

PORT JEFF STA - 8:30-5:00. Dick, Ext. 4615.

### Lost & Found

FOUND - ladies watch found in apartment area. Ext. 3009.

### Services

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

FIREPLACE LOGS - Upstate hardwood, split or unsplit, 16"-18" logs; also hardwood slabs by the bundle, 2½"x7½"x14". Ken, 289-8212.

FIREWOOD - split, seasoned oak, 4"x16"x18". \$110 delivered. 924-4284 after 5:30.

WOODWORKING - if it's made of wood I can build it reasonably. Tom, 286-0288.

MOVING, PICKUPS & DELIVERIES - free estimates. Ext. 3156.

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

### Puzzle Solution

1 8	2 4	3 1
4 4	5 5	9 9
5 2		