

BROOKHAVEN BULLETIN

Volume 31 - Number 19 / May 13, 1977
BROOKHAVEN NATIONAL LABORATORY



A Haven For Wildlife

Four Canada geese have been staying at Brookhaven the last couple of weeks. This area is on their flyway. And where do they choose to refresh themselves? Dick Emanovsky (Biology) found them on Pond No. 2 of the Upland Recharge Project. Word seems to be getting out among the Canada geese because last year about this time, two of them stayed at the pond for a week. This novel sewage treatment system processes domestic sewage and returns drinkable water to Long Island's ground water supply. "Wildlife love this clean, natural spot," says Max Small, head of the project. "A couple of years ago, we had a pair of mallards who wintered here and produced seven ducklings." Apparently the birds know a good place when they see one.

Selected Reading

- New Sci. 74, April 21, 1977
Where life begins: Meteorite and astronomical studies point to evolution of life in space.
C. Wickramasinghe. 119-21
- Review: Oak Ridge Nat. Lab. 10, No. 2, 1977
State of the Laboratory - 1976. H. Postma. 1-20
- Sci. Am. 236, May 1977
Exploring the herbarium. S. von Reis Altschul. 96-104
- Science 196, April 15, 1977
Solar Energy Research Institute: Grumbles about a change in plans. P.M. Boffey. 278-80
- Science 196, May 6, 1977
Science in Europe: Low marks for high technology. N. Hawkes. 636-7

Upton Nursery School

Now is the time to think about enrolling your three or four year olds in BNL's co-op nursery school for 1977-78. Classes are filling rapidly, and class size is limited. Application forms are available in Berkner Hall and the Recreation Building. Take one home and return it now to reserve a place for your child.

A general meeting for current and prospective parents will be held Thursday, May 19 at 8 p.m. in the Recreation Building. Election of board members will take place and all are urged to attend. If you have further questions, please call Sharon Paschos at 928-4270.

Weinberg To Speak On Nuclear Power

Many people are scared about nuclear power. That fear was highlighted with the arrest on May 1 of some 1300 demonstrators in New Hampshire who "occupied" the site of the proposed Seabrook nuclear power plant to oppose its construction.

Trying to "unscare" people about nuclear power will be one of the main points of a lecture by Alvin W. Weinberg at Berkner Hall next week. Dr. Weinberg, Director of the Institute for Energy Analysis at Oak Ridge Associated Universities, will speak on an "Outline for an Acceptable Nuclear Future," at 1:30 p.m., Tuesday, May 17.

It is Dr. Weinberg's contention that nuclear reactors, "when properly operating," cost no more, and do less damage to the environment than any other prime source of thermal energy. It is his concern that unless the hazards of nuclear energy are put in perspective, there is a real danger that this source of energy will never be accepted.

Dr. Weinberg believes that nuclear energy is acceptable in both the near and long terms. In his lecture, he will discuss his proposals for the future development of nuclear energy that might serve as a basis for agreement between opponents and proponents.

Lab Wide Colloquium

Saunders MacLane, Max Mason Distinguished Service Professor of Mathematics, University of Chicago, will give a general talk on "Recent Developments in Mathematics; From Four Colors to Insolvability," Monday, May 23, at 3:30 p.m., Berkner Hall.

Looking Good

ISABELLE is moving right along. Last Friday a subcommittee of the House Committee on Science and Technology voted unanimously to add \$10.5 million to the ERDA authorization bill for fiscal year 1978 as partial funding for Brookhaven's proposed accelerator.

R. Ronald Rau, Associate Director for High Energy Physics expressed the Laboratory's pleasure at "this positive congressional action on ISABELLE," and said he was hopeful that the whole approval process would be completed in about a month.

Now it goes to the full Committee for approval. According to press reports, Long Island Congressman Jerome Ambro (3rd District), who sponsored the ISABELLE amendment, does not anticipate any obstacles. Should this be the case, the last hurdle will be passage of the bill by the House and Senate.

There is also strong support for this research facility by other Long Island Congressmen, including Otis G. Pike (1st District), John W. Wydler (5th District) and Thomas J. Downey (2nd District). Ambro, Wydler and Downey are members of the full Science and Technology Committee of the House.

Although subcommittee approval is just the first step through the corridors of Congress, it is a vital one. At this level, a proposal receives its most thorough consideration, and must have majority approval before it goes any further.

Biology Symposium on Genetics

Genetic interaction and gene transfer will be discussed at Berkner Hall next week when the 29th Brookhaven Symposium in Biology gets under way Tuesday evening. About 200 scientists from the United States and abroad are expected to attend the symposium which will take place May 17 - 20.

"This symposium will be devoted primarily to the problems of transferring genetic information (DNA or, in some cases, RNA) into or between cells from plants, animals, or fungi," said Carl Anderson, chairman of the 1977 symposium committee. "We are particularly interested in asking about the natural exchange of information between different organisms. A lot more genetic exchange takes place naturally than was formerly thought," he added. "We are finding out that many things which we have just learned to do in the test tube have been taking place in nature for a long time."

According to Anderson, by examining the way genetic exchange takes place in nature, hopefully, new techniques can be devised for altering the genetic makeup of an organism. Eventually such techniques may allow the correction of metabolic dis-

eases such as diabetes and hemophilia. Anderson noted that although such "gene therapy" is still many years away, new genetic transfer techniques may have practical applications in the not too distant future in other areas, such as agriculture and the industrial production of biomedical products. However, he said that most participants at this symposium are interested in finding more powerful methods for basic research.

The conference is divided into five sessions. The first session Tuesday evening will be devoted to a discussion of natural gene transfer and genetic interaction. Subsequent sessions will become increasingly more molecular in content. The final sessions Friday morning will discuss the expression of transferred genes as proteins or RNA molecules in their new host.

Members of the Brookhaven staff are invited to attend the Symposium Lecture by Dr. Charles A. Thomas, Jr. of the Harvard Medical School. He will speak on "Some Future Possibilities for Gene Transfer Experiments" on May 19, at 4 p.m. in Berkner Hall.

Arrivals & Departures

Arrivals

Richard A. Dietz.....Plant Engrg.
 David E. Gumm.....Central Shops
 Ardeshir A. Irani.....Accelerator
 Gary P. Larson.....Instrumentation
 Robert J. Lorenz.....Central Shops
 Rolf Rathjens.....Central Shops
 Paul Thompson.....Chemistry

Departures

Helen F. Wang.....Medical

Mini Tour No. 3

The CDC 6600 computer has a typical speed of input of 3 million computer instructions per second, and the CDC 7600 is five times faster. The Central Scientific Computing Facility, which houses two 6600s and one 7600, is the next Laboratory area on public view, Saturday, May 21.

The three large computers are connected to each other and to terminals throughout the United States and Canada. These facilities which are unequalled in the eastern United States are in operation 24 hours a day, every day.

They handle all the general computational work for the Laboratory's research program and most of the scientific data processing, as well considerable computing for other organizations, as far away as Battelle Northwest in the State of Washington.

Visitors will be introduced to the Facility with a slide show in the lobby which will explain the applications of the computers at Brookhaven. In the computer wing, they will be shown the consoles of the computers and staff members will describe their operation.

After a stop at the Calcomp Plotter (see photo), visitors will move to the Users Ready Room where a special display of computer components will be set up. This is the room where users can make changes, follow up jobs and receive output through batch terminals.

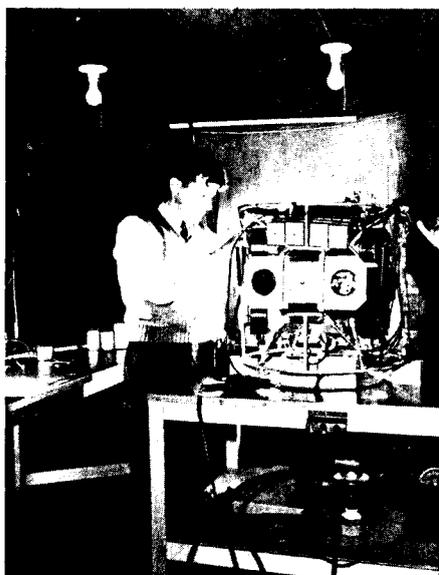
In addition to this mini tour, the complete tour program includes a showing of Brookhaven's Quest, a guided bus tour of the site and a prolonged stop at the Exhibit Center. Hours are from 10 a.m. to 4 p.m.



Frank De Vito, Assistant Supervisor of the Central Scientific Computing Facility, with the Calcomp Plotter which makes hard copies of graphs and diagrams from data tapes generated by programs run on the CDC 6600 computer. The striking graphics it produces are always popular with visitors.



Lyle Smith and model of Cosmotron magnet (November 1949)



Arnold Roesch checks cloud chamber in trailer lab (April 1948)

The Way We Were

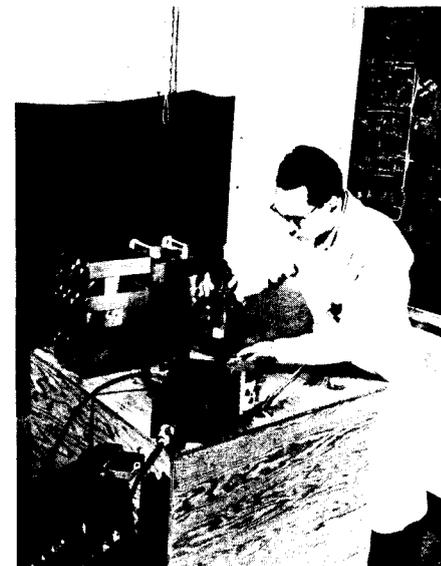


John Binnington at the Library (October 1947)



Olga Vario in her office (September 1948)

We were rummaging through some photographs taken when Brookhaven was young and came up with some pictures of people who were then the "young Turks" and are still very much in evidence. It's a nostalgia kick. In future issues we plan to run photographs of other people who have been with the Laboratory since the early years.



Maurice Goldhaber lowering bottle of "heavy" water into Photo Neutron Detector (December 1949)



John Blewett works out a problem (November 1949)

Mini Tour Schedule

For the convenience of employees who may wish to bring friends or relatives to the Laboratory, the following mini tours have been scheduled through August 7. Some of these tours will be repeated at another date during the remaining months of the program (through October). For instance, the Safety & Environmental Protection Division, which started off the season on May 7, will repeat the same tour later in the year. Some other departments will highlight a different area of research, the second time around.

| | |
|----------------|-----------------------------------|
| Sat., May 14 | Central Shops |
| Sat., May 21 | Applied Math (computer center) |
| Sat., May 28 | No tour |
| Sat., June 4 | Medical |
| Sat., June 11 | Biology |
| Sat., June 18 | High Flux Beam Reactor |
| Sat., June 25 | Chemistry |
| Sat., July 2 | No tour |
| Sun., July 3 | No tour |
| Sat., July 9 | ISABELLE |
| Sun., July 10 | ISABELLE |
| Sat., July 16 | Instrumentation |
| Sun., July 17 | Instrumentation |
| Sat., July 23 | Applied Science |
| Sun., July 24 | Applied Science |
| *Sat., July 30 | Multiparticle Spectrometer |
| *Sun., July 31 | Multiparticle Spectrometer |
| Sat., Aug. 6 | Medical |
| Sun., Aug. 7 | Medical |

*Subject to change.

Tours are scheduled every Saturday from May through October, and on both Saturday and Sunday during July and August, except on holiday weekends.

X-ray Mammography

The routine use of X-ray mammography in screening women age 35 through 49 for breast cancer should be discontinued, the National Cancer Institute (NCI) announced this week. The only exceptions would be women with a personal history of breast cancer, or whose mothers or sisters have a history of breast cancer.

The new guidelines also state that "women over 50 years of age or older may be given mammographic examination as a part of the screening process provided that appropriate informed consent is obtained."

The relative benefits and risks of mammography have been questioned by both scientists and the public. The NCI modified its guidelines for the operation of its Breast Cancer Detection Demonstration Project on the recommendation of three *ad hoc* expert groups, on the advice of the Cancer Control Advisory Committee and on a review of the use of mammography within the projects.

Cooking Exchange

Coming up next at the Cooking Exchange: fruit in all its forms - fruit dishes for an entire meal. Join us on May 18 for new ways to use fruit. To volunteer your favorite way, call Elaine Lowenstein at 286-2788.

For our Grande Finale, on June 1, the men will show off their favorite masterpieces. Be sure that you don't miss this extravaganza!

Mark your calendar for May 18 and June 1 at 12:30 p.m. in the Recreation Center.

Free Yoga Classes

For all those who expressed an interest in weekly yoga classes, final arrangements have been made to hold such sessions at the Recreation Building in the Apartment Area each Tuesday at 5:15 p.m.

Get your leotards out of mothballs and come along next Tuesday, May 17. Instructor Cecile Rideau may be reached on Ext. 3631 to answer any questions regarding the program.

Speakers Bureau May

Addendum:

May 17 - Maxwell Small (DAS), Bellport Rotary Club, on BNL's Water Recharge Program.

May 23 - Gilbert Raynor (DAS), Shoreham Wading River High School, on *Our Environment: Its Nature and Its Problems*.

May 25 - Gilbert Raynor (DAS), Cordello Avenue Elementary School, Central Islip, on *Long Island's Environmental History*.

May 26 - Vance Sailor (DAS), Wheatley School PEER Program, Old Westbury, on *Nuclear Power Plants*.

May 26 - Ralph Weston (Chemistry), Ward Melville High School, Setauket, on *Man's Threat to the Stratosphere*.

May 27 - Bob Casey (S&EP), Ocean-side High School, on *Nuclear Power Plants*.

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BERNICE PETERSEN, Editor
DOUG HUMPHREY, Photo-Journalist
CAROL PETRAITIS, Editorial Assistant

40 Brookhaven Ave., Upton, N.Y. 11973
Telephone (516) 345-2345

CARL R. THIEN, Public Relations Officer

A Tea & Sherry Party

Thursday, May 19, the Hospitality Committee will hold its Spring Tea and Sherry Party at the Brookhaven Center from 3:00 to 5:30 p.m. Women who are employees and wives of employees are invited. Employees are invited outside working hours. Babysitting will be available at the gym, free of charge.

"Paumanok" is the Indian name for Long Island. Exhibits of wildlife specimens, Indian artifacts, carved birds, sea life, geological maps, water color paintings and rock tumbling will be featured at this Tea.

Please come and share an interesting afternoon.

Reports Available

The following reports are now available to the Laboratory Staff and to Affiliates of the ERDA, AUI, and BNL. Others may purchase the reports from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161. Staff members should call Ext. 3484:

| | |
|---|----------------|
| BNL-50579 | \$11.75 |
| Proceedings of the Summer Study Meeting on Kaon Physics and Facilities. Held at Brookhaven National Laboratory, June 1-5, 1976. H. Palevsky, Editor | |
| BNL-50560 | \$6.75 |
| Current and Future Use of Coal in the Northeast. B.S. Edelson and E.S. Rubin | |
| BNL-50592 | \$5.00 |
| Linear Accelerator-Breeder (LAB). A Preliminary Analysis and Proposal. M. Steinberg, et al. | |
| BNL-50594 | \$4.00 |
| Alternate Materials of Construction for Geothermal Applications. Progress Report No. 10, July - September 1976. L.E. Kukacka, et al. | |
| BNL-NUREG-50596 | \$4.50 |
| Intergranular Stress Corrosion Cracking of Sensitized Stainless Steels. Final Report. B. Vyas, et al. | |
| BNL-NUREG-50599 | \$6.75 |
| HTGR Safety Evaluation Division. Quarterly Report, April - June 1976. D.G. Schweitzer | |
| BNL-NUREG-50601 | \$4.00 |
| A Correlation of High- and Low-Cycle Fatigue Data for Solution-Treated Type 304 Stainless Steel. P. Soo and J.G.Y. Chow | |
| BNL-NUREG-50607 | \$4.00 |
| SSC An Advanced Thermohydraulic Transient Code for LMFBRs. Quarterly Progress Report, July 1 - September 30, 1976. A.K. Agrawal | |
| BNL-50608 | \$4.00 |
| Input-Output Capital Coefficients for Energy Technologies. R.G. Tessmer, Jr. | |

French Folksinger

Serge Kerval, a leading French folksinger, will appear at BNL on Friday, May 20, at 8:30 p.m. His program, sponsored by *Le Cercle Français du BNL*, will be presented in the Stage II Theater. In addition to folk songs collected from the provinces of France and from French-speaking communities of Canada and Louisiana, Kerval will present some contemporary songs, including his own compositions.

Well known in France, Serge Kerval has recorded extensively in that country, and in 1967 was awarded the *Grand Prix de l'Académie du Disque Français*. His current tour will take him to over 30 cities throughout the U.S.

Tickets will be available at the door, with a price of \$3 for adults or \$1 for students. Refreshments will be served after the concert.

Cafeteria Menu Week Ending May 20, 1977

| | |
|--------------------------------------|------|
| Monday, May 16 | |
| Vegetable beef soup | |
| Keilbasy & sauerkraut | 1.15 |
| Grilled ham steak & 1 veg. | 1.30 |
| Hot deli - pastrami | |
| Tuesday, May 17 | |
| Cream of potato soup | |
| Southern fried chicken & 1 veg. | 1.15 |
| Macaroni, cheese & 1 veg. | 1.05 |
| Hot deli - veal & peppers | |
| Wednesday, May 18 | |
| Oxtail soup | |
| Braised swiss steak, onion & 1 veg. | 1.40 |
| Tuna noodle casserole | 1.10 |
| Hot deli - corned beef | |
| Thursday, May 19 | |
| Chicken noodle soup | |
| Spaghetti marinara & Italian sausage | 1.25 |
| Beef hash & 1 veg. | 1.15 |
| Hot deli - baked Virginia ham | |
| Friday, May 20 | |
| New England clam chowder | |
| Broiled filet & 1 veg. | 1.15 |
| Roast sirloin of beef & 1 veg. | 1.35 |
| Hot deli - meatball & peppers | |

Sports News Softball Players

Mixed League Needs You!

Teams for mixed league softball are being formed now, and players are still needed to make an eighth team. Games will be played on Thursday evenings from May 26 through early September.

Summer students, sandlot aficionados, amateur Babe Ruths - anyone interested or anyone knowing of potential players, please call Karen Schaich, Ext. 3623, ASAP.

Tennis

The time of the year is upon us to enjoy the great outdoors with raquet in hand, taking out one's aggressions and frustrations on the lowly tennis ball (and opponent).

As in years past tennis ladders are being organized for those who wish to compete with others of comparable ability. These ladders also provide a means for players to get to know one another.

Men's singles and women's singles ladders are planned. For those who wish to participate please register at the Film Service Bulletin Board in Berkner Hall by May 19. Please include mailing address and telephone number. Rules will be posted. For further information call John Elmore, 3626. Initial rosters will be posted by May 23 and sent to you.

Pool Admission Fees

Effective Sunday, May 15, the daily entrance fee to the pool will be \$1 for each employee or family member and \$1.50 for each guest.

Effective September 1, season tickets will be \$10 for an individual three-month membership; \$15 for a three-month family membership; \$15 for a four-month individual membership; and \$25 for a four-month family membership.

Guest Ruling - Only one guest per adult BERA member may be admitted to the pool at any one time without prior arrangements. Adult BERA members may arrange to have more than one but not more than five guests at any one time by making advance arrangements with the Recreation Representative in the Personnel Office.

Pistol Round Robin

An error was made in the last notice. The next round robin match will be held on May 17, weather permitting.

Mountain Club

The Mountain Club is planning for a small group of experienced backpackers to do a three-day trip into the White Mountains of New Hampshire during Memorial Day weekend, May 28-30, hopefully including an ascent of Mt. Washington. Contact Peter Tuhy, Ext. 3379 for details.

A second week-long backpacking trip is in the planning stages for early September to Baxter State Park in Central Maine. There should be some canoeing and fishing on this trip. Please register with Cleveland Dodge (Ext. 4483), who will lead the trip, by May 27.

Bowling

Pink League

The Gutter Getters are the winners of the second half. They will be matched against the Pinsplitters, the first half winners, on Tuesday, May 10, to determine the league champs. Good luck gals! High games for the night were Lindora Boyd 195/188/183/566 scratch, 689 gross, Fran Scesny 167, Renee Flack 167, Renie Rosati 164/159, Fran Green 164.

The Sweepstake winners for high gross series were Lindora Boyd 689, Noelwah Neutisil 623 and Fran Green 601. High scratch game was Lindora Boyd with a 195.

Red League

Congrats this week to the Old Timers. They won all 3 games position night and took the second half. R. Adams had a 204 game for the winners. For the second place 76'ers, J. Scesny bowled a 213. The rest of the league seemed to have accomplished more drinking than bowling. There was only one other 200 game in the whole league. Ed Sperry threw a 202 for the Designers.

Congrats to all the Sweeps winners also. E. Woessner was first with a 676 gross, G. Schuette a 637 for second place and L. Newman came in third with a 632. J. Scesny won the scratch prize with his 213.

It has been a long season. Have a great summer and hope to see you all at the Bowling Party.

Green League

The Super Cools and the Charley Browns bowled head to head on position night with the Super Cools taking eight points. With this win they are the winners of the second half. Next week the Super Cools go against

the Sparks on roll-off night to determine the winners of the league. Good luck to both teams. The Got-A-Hit-Ums were eight to three over the Blue Jays. N. Parrinello had a 213 game. The Trouble Shooters were eight to three over the Pinball Wizards. F. Green had a 209. The Sparks were eight to three over the Pick-Ups. B. Sick had a 200. This was also the final night and Sweeps were held. High Gross Series went to B. Sick, followed by M. Zepmeisel and W. Piel. High scratch game went to A. White with a 241.

Black & Blue League

In an exciting three game match complete with explosive strikes, difficult split conversions and hanky panky, the Quiet Ones just edged out the New Horizons to win second place.

Sweeps winners for the ladies were: High gross series, Virginia Walker 628, Dorothy Pollock 581 and Terry Bugala 577. Irene Sperry won high gross game with a 224. For the men high gross series was won by Fred Hohmann 613, Dick Lingg 608, Dick Skelton 602. High gross game was won by Charles Tomesch with a 236.

Good luck to the Power Meds in the BNL Championship.

Purple & White League

The Flounders took five points and are the winners of the second half. They must roll-off against the Good-Guys, the winners of the first half, to determine the league winner.

This was also Sweepstakes night and three of our faithful substitutes won four of the five prizes. High scratch game was shared by Glenn Snape and Bob Jones, each bowling a 214. First high gross series was won by Glenn Snape with a 669, second was Dave Penoyer 638, and third Hank Henck 627.

For the women, Marie Brenner won high scratch game with a 178. First high gross series was won by Grace Schiro 610, second was Mary Austin 603 and third Lorraine Petro 599.

Don't forget to attend the play-offs for the BNL Championship on Saturday, May 14th at 2:00 p.m. at the Port Jeff Bowl. Come out and cheer your favorite team on to victory!

Bowling Party

Bowling awards will be presented on Friday, May 20, 5:30 p.m. to ?, at the Brookhaven Center. Admission will be \$1 to bowlers and \$5 for a guest. This will cover buffet, all drinks, and music by the Serenaders, featuring Anne Mauro. Tickets must be purchased by Friday, May 13th. If you haven't gotten your tickets yet, contact Marie Brenner, Party Chairlady, at Ext. 2456.

Bowling Board Elections

An election for president and vice-president of the BERA Bowling Board for the 77-78 season has been completed and all the votes tabulated.

Bob Jones continues in his second term as President and Carol Beckner is the new Vice-President.

Flash

The following teams are the winners in the roll-offs and the champs of their respective leagues. They will compete against each other on Saturday, May 14, for the BNL Championship.

Red League - Old Timers
Pink League - Pinsplitters
Green League - Sparks
Purple & White - Good Guys
Black & Blue - Power Meds

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.

182. LABORER - Temporary position. Plant Engineering Division.

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

183. TECHNICIAN - AAS degree or equivalent in electronics technology skilled in prototyping, testing and measuring techniques involving high frequency, high voltage rf; feedback systems; analog, digital and low level rf. Background in CCTV or CATV and basic design helpful. Accelerator Department.

Autos & Auto Supplies

5 RIMS - 15" white spoke, used 1 month, Ext. 4132, 924-4328.

CAR RADIO - Delco am/fm, vertical installation, perfect cond. \$25. Azzara, Ext. 4701, 271-2877.

70 CHRYSLER - 2 dr, ps/pb/p seats & windows, ac, very good tires, excel cond. Ext. 3319, 751-7140.

68 MUSTANG - V8 302, ps/pb, auto. \$600. Mitch, Ext. 4360, 929-4884 eves.

1 TIRE - Goodyear, H78-14, 4 ply polyester, new spare. \$25. Jim or Bill, Ext. 3355.

69 DODGE TRUCK - ¾ ton, crew cab, 6 cyl slant, 4 spd, dents & rust, runs good. \$350. 727-1617, 727-1329.

73 HONDA CIVIC - Automatic, good cond, low mi. \$1500. 698-7051.

71 COUPE DE VILLE - Best offer over \$1000. Ext. 3456, 732-6262 after 5:30.

77 GMC SUBURBAN - Sierra Classic Estate, ac/ps/pb, auto trans, many extras, 6 months old. Keith, 286-0813 after 4:30.

70 FIAT 124 - Sport Spider convertible, 5 spd, radial tires, good cond. 25-28 mpg. 928-4481 after 6.

TIRES - F79-15 w/w mounted on Ford wheels. \$10 each. 475-8766.

76 MERC STA WAGON - 9 passenger, am/fm, power seats, ac, pb, power windows, traction, rear towing pkg. 475-7892.

73 CADDY - Sedan deVille, 45,000 mi, all power, air shocks, new radials, clean. Asking \$2900. 475-7892.

66 CHEVY - 2 dr, 283 V8 auto trans, ac, \$300. George Stenby, Ext. 2012, 475-5336.

72 HONDA - 350 cc custom seat, touring bars, windshield. \$600. George Stenby, Ext. 2012, 475-5336.

69 CHEVY CAPRICE - 4 dr, crummy cond, worth \$600, asking \$700. Jim Klein, Ext. 4018.

70 MAVERICK - 6 cyl std, 77,000 mi, good transportation. \$450. Charles Horn, 289-7383.

72 HONDA 350CB, top mechanical cond, reliable road bike, less than 14,000 mi. \$600. M. Stelts, Ext. 3744.

69 CHEVY VAN - Good cond, manual trans. 727-2607.

2 SNOW TIRES - Radial, size 14, almost new. \$30. Ext. 3064.

68 PONTIAC TEMPEST - Station wagon, 350 cu in, rebt eng, 65,000 mi, new tires, \$600. 587-5001 after 5:30.

66 VW BUS - Running cond, make offer. 744-5079.

73 PLY SATELLITE - Seabring, 318 V8 eng, a/t, pdb/ps/ac, vinyl top, much more. 50,000 mi. \$1875. 281-8943 or Ext. 3284, Joe.

70 AMC HORNET - Very good cond, auto trans. \$950. 281-5498.

68 CHEVY IMPALA - Convertible blue, new muffler, battery & snows. \$350. Ext. 2874. 281-2004 after 5:30.

75 RABBIT - Deluxe, int/ext option, am/fm, dealer serviced, 24,000 mi, extra wheels w/snows, excel cond. \$2500. Wingard, Ext. 4665.

69 MGB - Needs work, excel int, wire wheels, tow bar. Best offer. Ted, Ext. 2959, 286-8620 after 6.

74 CHEVY - 6 cyl Camaro, 4 spd automatic, very good cond & low mi. \$2500. 473-5063 after 6.

75 SUZUKI 500 - Excel cond. \$1250. Bob, Ext. 3313.

66 CHEVY CORVETTE - Convertible, 327 cu in, auto, ps, am/fm radials, low mi, excel cond. \$3200. 588-1884.

68 CHEVY PARTS - Front fenders & bumper w/ radiator, make offer. 653-4571 after 5.

TRANSMISSION - Chevy, good cond. \$50. 653-4571 after 5.

SELECT USED TIRES & RIMS - All sizes. Fred Usack, 475-4935.

VW TIRE & RIMS - Like new Dunlop G85x15, installed & leak tested. Fred Usack, 475-4935.

2 TIRES - F78-14, radials on rims, like new. \$50. Rich, Ext. 2495, 928-4527.

70 WAGON - Olds vista cruiza, 53,000 mi, rebt trans, under warranty, ps/pb/ac, 9 passenger. \$1450. Rich, Ext. 2495, 928-4527.

69 DODGE DART - Auto trans, good cond. 48,000 mi. \$1000. Sergio, Ext. 3525/3187.

TIRE - 600-13, excel cond. \$8. Frank, Ext. 2410.

FIREBIRD - Formula 400, 4 spd, white, good cond. Chris, 928-0043.

72 SUZUKI - TS-185 Enduro, knobbies, street legal, good cond. \$365 firm. Mike, 473-2608.

68 JAVELIN - 2 dr, cyl, economical, excel mechanical cond. \$700. Chris, 928-0043.

75 GRANADA - 4 dr, ps/pb, am/fm 8-track stereo, light group, bucket seats, new radials, 25,000 mi. Book value \$3450, asking \$3000. Ext. 3316.

Boats & Marine Supplies

CAPE DORY - 10½ ft cat-rigged fiberglass sailing dinghy. Trailer, oars, cover. \$350. Hendrie, Ext. 2912.

20' FLYING DUTCHMAN - Equipped for solo racing, includes main, jib, genoa, spinnaker and extras. Asking \$900, but will negotiate. Ext. 2070, 2008, 928-5875 after 6 p.m.

26' NORWALK - 110 hp Chrysler engine, sleeps 4. In water. Best offer. Said, Ext. 2902, 567-2185.

SUNFISH - \$425 and 7 ft fiberglass dinghy less oars, \$50. Sailor, 475-9294 after 5:30 p.m.

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

15' GARVEY - Fiberglassed wood, rebuilt Evinrude, trailer, extras. \$750. Ext. 2345, 472-1735 after 6 p.m.

70 MERC - 65 hp, est 250 hrs, good shape, has been trailered. \$500. Lew, Ext. 3502 or 286-8166.

8' OARS - Pair. \$7; 40 lb mushroom anchor. \$5. Mike, Ext. 2048.

18' LYMAN SKIFF - 4 cyl inboard, extras. \$700. Tom, 325-1033.

15' SHARPIE - Very good for clamming. \$100. 286-0761.

18' THOMPSON - In/outboard, elec winch, Cox tandem trailer, good cond. 727-5912.

OUTBOARD MOTOR - Chrysler 35 hp, 3 yrs old, barely used, w/storage stand. 14' MFG, w/wooden decks, good cond. Asking \$700 for both. Ext. 2633, 286-1056 after 6.

25' CHRIS CRAFT - Inboard engine \$2200. Audrey, 929-6932.

Miscellaneous

B&W TV - Perfect, \$40; child's bicycle. \$8. Francois, Ext. 4357, 345-3178 after 5.

MISC ITEMS - Baby's dressing table, \$10; cot, \$5; space heater, \$25; bobsled, \$10; water heater, \$20. 744-6362.

LAWN SWEEPER - Craftsman 30" deluxe, like new, used once. \$35. Azzara, Ext. 4701, 271-2877.

FURNITURE - Gold velvet couch, red velvet chair, spanish, like new, best offer. 698-5010.

TRUCK CAMPER - Swiss colony, self-cont, sleeps 6, excel cond, 11'. Ext. 4058, 286-0436.

DEHUMIDIFIERS - Ebco 13 pt/day, \$18; Westinghouse, 25 pt/day, \$24, both in good cond. Hendrie, Ext. 2912.

UPRIGHT PIANO - Good for practice, Stoddard. \$200. 286-3906.

REFRIGERATOR - 11.5 cu ft, brown, 6 yrs old, excel cond. Asking \$100. John, Ext. 4145, 929-8204 after 6.

WOMEN'S SHOES - Sizes 9 & 10, flat, some new. 286-8724.

FIREPLACE GRATE - Tubular grate draws cold air in, forces hot air out, \$10. George, Ext. 4460/4453.

GLASS SLIDING DOORS - 6' insulated glass, anodized alum framed w/screen. \$90. George, Ext. 4460/4453.

WOOD BURNING STOVE - Lg Danish, used 1 season, 9x12 umbrella tent, water proofed. Make offer. 744-5079.

LAWN MOWER - Toro Whirlwind 21" elec starter; cement mixer, several hundred 8" cement blocks. Make offer. 744-5079.

FISH TANK - 10 gal w/accessories, make offer. 744-5079.

TURNTABLE - Garrard, 2 Lafayette speakers, Lafayette stereo 224 & stereo LA-260, tube amplifiers, make offer. 744-5079.

RIDE ON MOWER - Sentry 25", 5 hp Briggs eng, \$100. Tom, 325-1033.

68 COX CAMPER - Fully equipped, new canvas, excel cond. \$750. 281-5498.

GE ELEC RANGE - White 30", good cond. \$50. 281-5721 after 6.

3 BOXES - Of stuff for garage sale, make offer. Ext. 2032.

COLOR CONSOLE TV - 21" Philco, good operating cond, \$75; 2 den chairs, white leather, \$25. 281-7464 after 6.

STEREO - Scott digital freq synthesizer, FM tuner, must see/hear. Cost \$550, sell \$200. 473-8426.

STEREO - Dynaco factory assembled Pat 5 preamp. \$200. 473-8426.

LUGGAGE CARRIER - Auto top, steel, good cond. \$8. 929-4624.

CHANDELIER - For dining rm, 5 lights, antique brass. 4. 929-4624.

FURNITURE - 10' lg corner sectional, \$100; 8' lg contemp couch w/attached end tables, \$75; driftwood coffee table & floor lamp, \$100; encyc Britannica, jr set, 1964, \$50; bowling ball ace, \$10. Bob, Ext. 3121, 744-5261.

BOY'S BICYCLE - 3 spd, 21" Raleigh, \$40. 929-4597 after 3:30.

SHAMPOOER - Blue Luster, brand new w/case of shampoo. \$50. 472-2534.

GE RANGE - Coppertone, elec, 220V, good working cond, \$100; exhaust hood, \$20. 331-1203 after 5:30.

BOWLING BALL - \$5. 727-5912.

19" B&W TV - Admiral portable, \$60; Christmas tree, \$10; 2 lawn chairs, \$5 ea; clock, \$4; steam iron, \$4. Marion, 345-3187.

HUGE YARD SALE - Sat & Sun May 14 & 15, Moriches Yacht Club, end of Union Ave, Center Moriches.

YARD SALE - Antiques, old cameras, clothing, sports squip, much more. Sat, May 14, 27 Chapel Ave, Brookhaven Hamlet, 286-0761.

YARD SALE - No reasonable offer refused, Sat, May 14, 10-2, 365 2nd Ave, Bayport. Mike, Ext. 2048.

YARD SALE - 3 families, starting Sat, May 14, moving, all must go. 903 Main, corner Robbins, Port Jefferson.

Ads left out of this issue because of lack of space need not be re-submitted in order to run in next week's issue.

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

PATCHOGUE - 2 lg bdrms, full bsmt, 2 car garage, eat-in-kit, w/w carpet. \$32,500. 475-8529.

MIDDLE ISLAND - Custom ranch, 3 bdrms, 2 baths, den w/fp, eat-in-kit, lvg rm, dining rm, bsmt, garage, patio, appliances, treed lot with fenced backyard. \$39,000. 924-5220.

FULLY WOODED - 1 acre, approx 100 x 400, private community, close to Lab. For details, call 924-3236.

MEDFORD PINES - Live cheaply, mother/daughter, priv entrances, appliances, 2 baths, 4 bdrms. \$5,000 over mortgage. David, 924-7516.

BELLPORT VILLAGE - 6 rm house, walk to village & stores, ferry to beach, 1½ baths, 12 min to Lab. \$39,999. 286-8945, 286-1097.

SHOREHAM - Luxury ranch, 4 bdrms, 2½ baths, fp, w/w carpet, cathedral ceilings, full bsmt, 2 car garage, 1 acre wooded lot, landscaped, priv beach, many extras, Clarendon built. Mid \$80's. Ext. 2439, 744-1428.

BELLPORT - 3 bdrm ranch, 2 yrs old, on ½ acre, landscaped and partly wooded, lg kit, full bsmt, 5 appliances, low down payment, mortgage assumable. \$32,500. 286-1440 eves.

ROCKY POINT - 4 bdrm colonial, 2½ baths, lr, dr, eik, family rm w/fp, finished bsmt, central ac, 2 car garage, wooded setting, assumable mortgage. \$46,500. Ext. 4362 or 744-7667.

CONDOMINIUM - Nob Hill, Ronkonkoma, 2 bdrm, ac, 5 appliances, w/w carpet, 2nd fl with terrace, pool and tennis court. \$32,000. 585-5690 after 6.

WADING RIVER - 3-4 bdrm cape, ¾ treed acre, landscaped, fp, w/w carpet, full bsmt w/patio doors. \$54,000. 929-8313 after 5:30.

For Rent

APT - 1 bdrm f/p, carp, tennis, pool, and golf incl, 1-2 yr lease. 878-4794 or 286-3333.

MASTIC BEACH - 1 rm apt. \$175/mo includes util. Call 281-4738.

VT CHALET - Furn, stone f/p, lake, ponds, trails, fishing, canoeing, nearby golf, tennis, summer theatre, music festivals, week, month and season rates. 757-5599 after 4 p.m.

POCONO CHALET - Near Lake Wallenpaupack, swimming, boating, sleeps 5. Call Fran, 289-2159.

APT FOR RENT - Patchogue area, 2 bedrms, kitchen, living room, newly decorated. \$250/mo (incl heat). Walt, Ext. 2907, 698-0576.

Wanted

LOCKS - Old cylinder type, any cond, with or without keys. Ext. 4051, 286-0436.

HOME FOR FREE KITTENS - Linda, 765-5371.

HOME FOR PUPPIES - 2 for adoption, mother is a miniature dachshund, look like mother. 878-1804 after 5.

2 RIMS - 15" 4-hole for VW bug. Bhatt, Ext. 2966.

HOME FOR KITTENS - 2 red (Morris type) kittens, 1 has 7 toes on front feet. Ext. 4215.

TARPALIN - 12x18, in good cond, reasonable. 924-3236.

HYD FLOOR JACK - Or pne bumper lift. A. Campbell, Ext. 3354, 727-7115.

TIRE - 165-15 radial, 475-0144 after 6.

FRENCH LESSONS - For 2 boys ages 7 and 5. Bellport area or on-site preferred. Bernstein, Ext. 4379, 286-1339.

SM APT - For a couple in vicinity of Holtsville to Middle Island. July 1 occupancy. Ext. 4227.

GLAZING GLOBE - Blue or green w/base. Frank or Virginia. 727-5527.

TO RENT - Sm house or 2 bdrm apt w/garage, South Shore east of Lab. July occupancy. Ext. 2888.

Car Pools

NORTHPORT - Existing 2-person car pool interested in new member(s). Pete, Ext. 3310/3309.

CORAM - Want to form or join car pool beginning 5/23. Bob, Ext. 2335.

N SHIRLEY - Ride wanted from Ridgewood Dr. Ext. 3278, 281-6365.

E MEADOW/ISLAND TREES - Central meeting point, existing 2-driver car pool looking for additional drivers. Ben or Bob S., Ext. 2514.

Lost & Found

LOST - Books from BNL Library, #65 & 66 Forts. d'Chem. Fors. Lost in mail or ?. Len, Ext. 4509.

Services

CHAIRS CANED - Refinishing. Linda, 286-0834.

MOVING - Will move your entire home locally. Ext. 3155/3217, 732-3145 after 5:30.

ROTOTILLING - Get started before May 15. Tom, 325-1033.

YARDS, CELLARS, GARAGES - Cleaned, tree service, removal, trimming, pruning, chain saw work. 727-1329, 727-1617.

TYPING - Light, sewing, babysitting, Medford area. 475-0144 after 6.

ASPHALT PAVING & SEALING - Bob, 475-4382.

TREE REMOVAL - Chain saw work, free estimates. Ken, 289-8212 eves.

ROTOTILLING - Free estimates. Ken, 289-8212 eves.