

Light Source Construction Launched

Ground breaking ceremonies on September 28 signaled the start of construction of the National Synchrotron Light Source (NSLS). Using chrome plated shovels designed for the occasion, Donald K. Stevens, Assistant Director of DOE's Division of Basic Energy Sciences, and Aric van Steenberg, NSLS Project Head, turned over the traditional bit of earth at the site of the \$24 million Light Source.

The NSLS will be the largest facility in the country to be dedicated solely to the production of synchrotron radiation. The powerful Light Source will provide intense beams of X-rays and ultraviolet light to be used for research in physics, chemistry, biology and various technologies.

In his opening remarks at the ceremony, Laboratory Director George Vineyard reviewed the history of synchrotron radiation and of the BNL project. Paying tribute to the late G. Kenneth Green and Renate Chasman who had contributed so much to the design of the Light Source, he said the ceremonies were also a memorial to these two physicists.

Both Dr. Stevens and Gerald F. Tape, President of Associated Universities, Inc., noted how this BNL facility will be available to all concerned groups. Users will include private research institutes, universities and national laboratories, as well as foreign interests.

In the past year, preliminary design of the two storage rings has been completed and many aspects of the detailed design are under way. The construction schedule calls for operation of the vacuum ultraviolet storage ring by mid-1980 and completion of the entire facility by late 1981 or early 1982.

The architect-engineering effort for the NSLS building is a joint venture of Max O. Urbahn Associates, Inc., and Seelye, Stevenson, Value and Knecht, Inc., both of New York City. Construction work on foundations and steelwork will be carried out by the A.D. Herman Construction Company of Huntington Station, N.Y. The Brookhaven Area Office of DOE will be responsible for the management of conventional construction, while BNL staff will design, procure, fabricate and install the accelerator and storage ring components.



Laboratory Director George Vineyard welcomed over 250 persons, comprising BNL staff and DOE officials, at the ground-breaking ceremonies for the National Synchrotron Light Source. The facility will be housed in a building with a total area of 74,000 square feet, at a site adjacent to Building 535, bounded by Brookhaven Avenue and Technology Street.

— photos by Humphrey



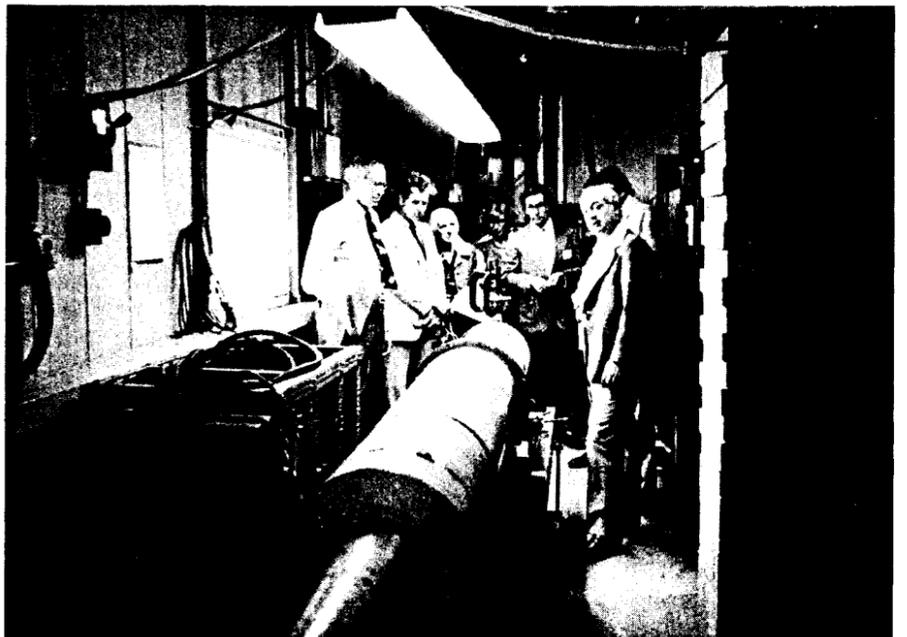
Arie van Steenberg, NSLS Project Head, and Donald K. Stevens, Assistant Director, Division of Basic Energy Sciences, DOE, performed the honors at the ground-breaking ceremony.



Dr. Stevens unearthed an $h\nu$, symbol of a quantum of light energy contained in a single photon. The project hopes to produce vast quantities of them and the anticipated number available in a single beam line is expected to be 10^{14} photons per second.



Marvin J. Laster, Acting Area Manager of DOE's Brookhaven Area Office, said it gave him great pleasure "to turn over to Dr. van Steenberg, albeit symbolically, the means by which he and his associates can transform an idea that became a program, into a reality."



At the close of the program, former Laboratory Director Leland J. Haworth (right), a special guest, walks the site with Gerald F. Tape, President of AUI.

At the conclusion of the ceremonies, guests toured the current work areas of the Light Source. Here, Ken Batchelor (far right) shows the front end of the electron Linear Accelerator which is being constructed now in Building 925 of the AGS complex. At left are Dr. Vineyard, Arie van Steenberg, Mrs. G. Kenneth Green, Mrs. van Steenberg and Martin Blume.

Pledge Now To The United Way

A recently distributed memorandum called the attention of Lab employees to the United Way of Nassau-Suffolk and to its annual campaign. The fund supports 100 eligible, non-profit health and service organizations which, according to the United Way, one out of every four Long Islanders has taken advantage of in recent years.

Mike Guacci, of Supply & Materiel, is BNL's 1978 United Way Co-ordinator. He notes that employees may find that the easiest means of contributing to the fund is to use the Lab's payroll deduction plan. Pledge cards, which authorize that a certain amount of your weekly or monthly pay be withheld to support the United Way, will be distributed to members of each division or department after they have viewed the campaign's film to be shown over the next two weeks. Those unable to attend the film but who want pledge cards may obtain them after Monday, October 9, from their department or division coordinators listed below.

Mike also mentions that although the payroll deduction plan is the preferred way of contributing to the United Way, a one-time gift will not be refused. Any Lab employee who is able to volunteer time to the drive, said Mike, should contact him at Ext. 2976.

Jim Vance, Staff Services, is serving as Co-coordinator in this year's drive while Instrumentation's Glen Tinnie is the Lab's Loaned Executive.

United Way department or division coordinators for 1978 are:

Dept./Division	Co-ordinator	Ext.
S&EP	Len Emma	4218
Instrumentation	Gerry Tiller	4228
Reactors	Bob Fuchs	4400
Shops	Claire Schiro	3356
Personnel	Bob D'Angio	2878
Physics	Laurence Passell	3825
Chemistry	Evelyn Ritter	4310
Biology	John Dunn	3012
Medical	Bob Aronson	3615
DEE	Matt Rosso	4506
DNE	Larry Fuller	2923
AMD	Mary Kosak	4132
Accelerator	John Grisoli	4626
Fiscal	Josephine Gazzola	2456
Photography	Carol Ogeka	2907
Plant Engineering	Al Mahlmann	2493
Staff Services	Joan Perullo	2525
Div. of Contracts & Procurement	Rosalie Picione	3160
Supply & Materiel	Grace Fales	2971
Tech. Information	Audrey Blake	3489
Admin. System & Data Processing	Jerry Haubert	3302
Director's Office	Janet Sillas	2345

Phone Placed at Park

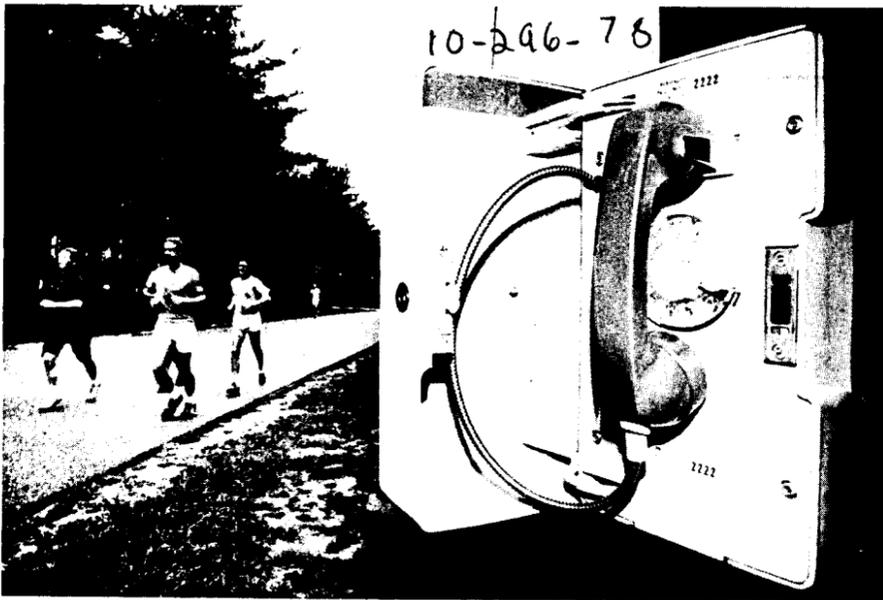
A BNL ball player got hit in the shoulder while playing a game at the ballfield one evening near the end of August. He had difficulty getting timely assistance and as a result of his experience, wrote a "Tune-In" suggesting that an emergency telephone be installed near the field. Telecommunications Coordinator Jim Vance thought it a good idea.

So, a green telephone has now been installed on a pole about 100 feet north of the entrance to the field on the west side

of Brookhaven Avenue.

The extension of the new phone is 7728 and it is under Treatment IV. That means it can be used for dialing on-site numbers only. There is no access to outside lines.

Campers, ballplayers and others who use the Recreation Park are hereby advised that in case of an accident, a telephone is close at hand. Dial the emergency number extension 2222, and assistance will be on the way.



For the benefit of the Lab's various athletes, a telephone has been installed for emergency use outside the Recreation Park.

BNL Runners Take Firsts

The Virginia Ten-Miler "is the best 10-miler in the country," says Bill Rodgers, the nation's premier distance runner. Gus Prince agrees with him. He took first place in his category (age 50-59) in the race at Lynchburg, Virginia, last month. Prince beat 200 other aspirants, including two former winners.



Gus Prince, a physicist in DNE, with the latest in his collection of trophies. He won it in the Virginia 10-miler.

According to runners in the know, this is the most prestigious win to date by a BNL runner. The Virginia race started in 1974 with 235 runners competing. This year, the meet attracted over 2300 of the finest runners in the nation, including Rodgers (who was the overall winner) and Frank Shorter (an Olympic gold medal winner).

Gus' time was 63:06 which was slower than the 60:01 he ran at Block Island on August 27 when he set a course record. However, he says he is satisfied because in Virginia the weather was hot and muggy and the course was more difficult. The last two miles were all uphill.

This was the fourth race for Gus in three weeks. Besides Block Island, he ran in Connecticut and Massachusetts. The English pewter decanter he won in Virginia

complements the tray he received last spring for the best in his category at another 10-miler in Cincinnati.

Prince has been running since 1971. In fact he is one of the founders of the BNL runners club. He keeps in shape by running eight to ten miles a day and goes for 20-mile fun runs on Sundays. He will enter the New York Marathon later this month, for the fifth time, and then plans to ease up on competition, but not his daily run.

Jean Burt was the first woman to finish in a 7.6 mile race from Monument Square in Southampton to the railway station in Hampton Bays last month. The race was sponsored by the respective Chambers of Commerce.

Jean tries to run each day and right now is in training for the upcoming New York Marathon which she entered for the first time last year. She clocks about 10 miles a day and, for experience, competes in various local races such as the 13 mile run in Bay Shore last Sunday.

A computer Science Analyst in DNE, Jean is a member of the BNL Runners Club. She has been running for about three years and notes that the number of women taking up the sport seems to be increasing each year.



Runner Jean Burt who was a winner in the recent Southampton to Hampton Bays race. —photos this page by Humphrey

Stony Brook Events

The following events, held on the campus of the State University of New York at Stony Brook, are open to the public:

Friday, October 6

Concert: Robert Hunter and Peter Rowan, Stony Brook Union Auditorium, 8:30 and 11 p.m. Call the Student Activities Board for information, 246-7085.

Experimental Theatre: "Such Tunes as Killed the Cow," Friday and Saturday, October 6 and 7, 8:30 p.m., 114 South Campus B. 246-5678 for ticket information.

Danish Gymnastics Team Tour: Benefit performance of new rhythmic gymnastics and traditional Danish folk dancing, 8:00 p.m. Gymnasium. Admission \$2. For further information call 246-6790. (Also see October 7).

Saturday, October 7

Danish Gymnastics Team Tour: Special workshop clinic for aspiring gymnasts, 11 a.m., Gymnasium. Admission \$1. 246-6790 for further information.

Concert: The Moscow Chamber Orchestra, 8 p.m., Concert Hall, Fine Arts Center. Single tickets: front section, \$10; middle section, \$8; rear section, \$6. For information call 246-5678.

New York Train Trip

The Hospitality Committee is planning a group railroad trip to the city on Wednesday, October 18. Departure will be at 8:32 a.m. from the Patchogue LIRR station. Round-trip fare for adults is \$2.45, children under six years ride free.

Reserve a ticket by sending your fare through the U.S. mail to P.O. Box 322, Upton, New York 11973, no later than **Thursday, October 12.** Make checks payable to "Brookhaven National Laboratory." Your tickets will be given to you at the train station. Refunds will be made only if cancellations are received by the Friday preceding the scheduled trip.

Concert Reminder

The Beaux Arts Trio, one of the great chamber music ensembles of our time, will open the BERA Concert Series at 8:30 p.m. on Thursday, October 12. The program consists of

Haydn Trio in A major, (H.XV, No. 18)

Ravel Trio in A minor

Schubert Trio in B flat major, Op. 99

Single admissions are \$5 for adults, \$2 for students and senior citizens and \$1 for persons under 18 years of age. Block tickets good at any concert, may be purchased for \$16 for 5 tickets, plus \$3 for each additional ticket. For information, call Ext. 4643.

Overcoming Sexism In The English Language

At the University of Northern Colorado, we learn from A.G.B. Reports, Prof. Robert Longwell proposes new words to overcome sexist language. He suggests, "Hesh" (with a long e) for "he or she." His or her? Longwell recommends "hizer." Him or her? You guessed it: "hirm." And in place of "mankind or womankind" he comes up with "mowankind." He admits there may be an occasional problem: "One must keep hizer wits about hirm or surely hesh will find hirmself at odds with the rest of mowankind."

—The Ragan Report

DOE's Energy Saving Tips

- If you are considering the purchase of a gas clothes dryer, consider buying a model with an electric ignition system. By not requiring a pilot light, they save energy, and can cut operating costs by up to 50 percent.
- Remember to clean or replace air conditioner filters once a month. This is especially important during the hot summer months when you'll be using your air conditioner the most. Clogged filters make units work overtime, and waste energy.
- Check the air pressure in your tires at least once a month. Underinflated tires put an extra drag on the engine and require it to use more gasoline.
- If you require a nightlight in your bedroom, hallway or bath, consider using the new 4-watt bulbs now on the market. They provide adequate light, yet use very little electricity.
- Remove clothes that need ironing from the dryer while they are still slightly damp. There's no point in wasting energy to dry them thoroughly if they'll only have to be dampened again for ironing.

BROOKHAVEN BULLETIN

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NOT Miscellaneous

Buyers and sellers of even rather novel items have, over the years, met each other through one of the Bulletin's most popular departments - the classified advertisements. If, for instance, during the first week of October one decade ago, you were in the market to purchase ballet slippers (size 3), a patent leather wig case (form included), or 70 one-gallon wine bottles (empty), luck would have been with you: they were all among the miscellaneous items for sale. And if you sought to sell elongated coins, swap a Jaguar fender or provide a home for blue-eyed kittens, someone, somewhere in the Bulletin's audience was probably similarly interested.

Perhaps you are a faithful classified ad reader, well acquainted with the assorted items and services available. Or, you may be among the Bulletin's thriving weekly advertisers. In either case, you may take the variety and success of the Bulletin's classified ads as a matter of course.

Never, however take for granted the readership of the Bulletin's ads.

Last week's afternoon mail brought a letter from Germantown, Maryland. A DOE employee, "impressed by the circulation your Bulletin receives," submitted an ad for inclusion under "Autos & Auto Supplies." Despite his affiliation, the Bulletin cannot extend advertising space because the would-be advertiser is not "an active or retired Laboratory employee."

Our apologies to the gentleman from Germantown - and to our readers who, for (\$9000) during this first week of October, might have been in the market for his 1974 Bricklin.

Impact Statement

The Final Environmental Impact Statement on the Proton-Proton Storage Accelerator Facility (ISABELLE) has now been issued by DOE. Copies may be obtained from Paula Hughes, Project ISABELLE, Building 902, Ext. 4702.

Cafeteria Menu

Week Ending, October 13, 1978

Monday, October 9	
Tomato vegetable soup	(cup) .30
	(bowl) .40
Sausage & cheese omelette	1.25
Grilled ham steak & 1 veg.	1.30
Hot Deli - Pastrami	(on bread) 1.15
	(on roll) 1.25
Tuesday, October 10	
Cream of potato soup	(cup) .30
	(bowl) .40
Meatloaf & 1 veg.	1.20
Macaroni & cheese and 1 veg.	1.10
Hot Deli - Corned beef	(on bread) 1.25
	(on roll) 1.35
Wednesday, October 11	
Vegetable beef soup	(cup) .30
	(bowl) .40
Tuna noodle casserole	1.20
Lemon baked chicken & 1 veg.	1.20
Hot Deli - Veal pattie & peppers hero	1.25
Thursday, October 12	
Chicken noodle soup	(cup) .30
	(bowl) .40
Sweet & sour pork on rice	1.30
Salisbury steak & 1 veg.	1.25
Hot Deli - Baked Virginia ham	(on bread) 1.25
	(on roll) 1.35
Friday, October 13	
New England clam chowder	(cup) .40
	(bowl) .50
Broiled filet & 1 veg.	1.20
Roast sirloin of beef & 1 veg.	1.40
Hot Deli - Meatball & peppers hero	1.25

Accelerator Department Service Awards

9-631-78



On September 13, Dr. Lyle Smith presented Service Awards for the entire year to the eligible members of the Accelerator Department. The 30 and 25 year awards went to the following: (Standing) Charles N. Sponheimer, Eugene C. Raka, Vincent J. Kovarik, Vernon J. Buchanan, Walter R. Jacobs, George W. Lilja, Charles O. Theisen, Roger R. Adams, Walter Sinuk, R. Davey Thomas, and Mort L. Czaja. (Seated) Lyle W. Smith, Calman Lasky, Howard Farrell and Arthur C. Dick. Albert P. Schlafke was not present.



9-632-78

The following received 20 and 10 year awards: (Top Row) Anthony J. Wisowaty, Robert P. Alvino, Chester A. Smith, Vincent E. Chiamou, William A. Patton, Lawrence Arnold, John H. Sondericker, and Robert I. Louttit. (Middle Row) Vincent Racaniello, Henry Halama, Louis Both, Orland (Sarge) Centabar, Gregory Bagley, Carlyle Murray, Theodore Hilgemeier, Donald M. Miller, Frank J. Abbatiello, Rino Tulipano, Michael Iwantschuk. (Bottom Row) Douglas Mitchell, Harold Alexanderson, Donald M. Gilzinger, John Schirmer, Eugene Rogers, John Sullivan, Eugene S. Kaplan, Brian J. Vogt and Gordon Rackett. Adolph E. Densieski, William P. Schirmer, Harold E. Knudsen, Norman M. Fewell and Warren S. Hirzel were not present.

Teacher Wanted

The Upton Nursery School has an opening for a teacher to assist in a class of 3-year-old children. The teacher's services will be required three mornings a week, Monday, Wednesday, and Friday, from 8:15 a.m. to 11:45 a.m., effective October 23. For information call Grahame Williams, at 345-4383.

Football

Quarks 24 - Chickens 13
 Fletcher Johnson (3) and Gary Mosley caught touchdown passes for the winners. Bob Brown caught two touchdown passes for the losers.
Roga 13 - Sweathogs 0
Players Pool 12 - Tee Dees 7

Soccer

Informal pickup games will continue to be played outdoors on Mondays at 5:00 p.m. until Eastern Standard Time takes effect. People interested in kicking the ball a bit need only show up. It's good preparation for the coming indoor season.

Notice

The Safety Glasses office will be closed on October 11.

Cooking Exchange

Because of the observance of the Jewish holiday, Yom Kippur, there will be no Cooking Exchange meeting on Wednesday, October 11.

The next session is scheduled for Wednesday, October 25, and will feature Japanese cooking.

Arrivals & Departures

Arrivals	
Regina F. Coughlin	Physics
Thomas S. Dickinson	Accelerator
Donald C. Gregory	Physics
Masao Hisatome	Energy & Env.
Wolfgang Hampel	Chemistry
Mark E. Hofmann	Instrumentation
Teresa Kelley	Biology
Antoine Knezovic	Accelerator
Martin J. Leach	Energy & Env.
Robert P. Lenz	Biology
Gordon T. McGranahan	Energy & Env.
Lois I. Marascia	Nuclear Energy
Stephen A. Marino	Safety & Env. Prot.
Gary Morgerman	Plant Engrg.
Claudio Pellegrini	Accelerator
George F. Reiter	Physics
Toni Rotondo	Ph. & Gr. Arts
Joseph J. Shonka	Safety & Env. Prot.
Harold R. Udseth	Chemistry
Julio Vidal	Energy & Env.
Departures	
Sven G. Hasselriis	Physics

Mountain Club

The Mountain Club will sponsor an overnight hike October 14 and 15 to Slide Mountain which is northwest of Kingston, N.Y. Slide Mountain, elevation 4000', is the highest peak in the Catskills and the trail up is 3 miles long. We will meet at the trailhead at Winisook Lake at 10 a.m. on Saturday, the 14th. For further information, contact Don David, Ext. 4821 or 286-2267.

On Saturday, October 28, the Club plans to join the Suffolk County Canoe Club in South Jersey to canoe on Wading River in the Jersey Pine Barrens. Contact Dave Potter, Ext. 4234, for further information.

Reserve the evening of Thursday, November 2 for Malcom Howells' movie and talk about mountain climbing in the Himalayas to be given in Berkner Hall.

Finally, annual dues are now payable for the 1978-79 season. The fee is \$2 for a single membership and \$3 for a family. Please send your check to Dick Watson, Bldg. 510A if you wish to remain current.

Volleyball

The BNL Mixed and Employees' Volleyball Leagues are now being organized. Rosters are due on October 16. The Mixed League will be limited to the first twelve rosters submitted with further preference given to last year's teams. Team fees will be due on October 23 and the season will probably begin the following week. There will be a meeting for all volleyball captains on Oct. 16 at noon in Berkner Hall Room A. Contact John Usher (Bldg. 129, Ext. 2096) regarding rosters. Practice for the Mixed League will begin Oct. 9; Employees' League on Oct. 11.

Bowling

Gold League

The Swingers have "swung" ahead from third place to first taking 11 from the Personalities. Lynn Tice rolled a 179/178/169 for a 526 series. Good bowling, gal! High score for the evening was made by Marie Cooney with a 187.

Pink League

The Pinsplitters bowled well as a team (1786) and each member contributed to their taking all seven from the Lickety Splits. They are now in first place by six points.

Renie Rosati had a 190/493 scratch series, Ellie Adams 164, Marge Stoeckel 169 and Millie Connelly a 418 scratch series.

Barbara Cochrane had a 172/171 for a 486 series. Other notable bowlers were Carol Beckner 175, Debbie Fannon 170 and Pat Lebitski 162.

Red League

The Sandbaggers took 11 from the Freon Loaders. R. Meier (215) bowled a (576-645) and K. Riker had a 200. The Old Timers had a 1047 game and won over the Cosmos 8-3. J. Roesler bowled a great (537-657) series. The Designers took 8 from the 76'ers. D. Hayslip had a 201. J. Connelly with a 232-200 and a 588-660 series had a terrific night. J. Morris (203) had a 578-626. This Isa Team took 8 from the Blue Jays. E. Sperry had 632 gross pins, S. Kiss 626 and W. Kollmer 552 scratch. The Anachems split 5-6 with the Sparks team. T. Prach had a 631 gross series.

Purple & White League

The only high roller this week was Ed Sperry with a 201/180 for a 542 series. Gail Thompson had high game for the ladies with a 199/498 series. Other good games were Sharon Smith 181, Joyce Pinelli 175, Ellie Murgatroyd 172.

Green League

After three weeks of bowling we find the Trouble Shooters leading by a half point. The Trouble Shooters bowling against the Pinball Wizards split, each taking 5.5 points. The Old Timers II moved into second taking eight from the Dyno Mites. B. Galen had a 205. The Sparks took six from the Anachems. J. Cockrane had a 206. The Blue Jays were dumped by the This Isa Team for eight points. Other two hundred games for the previous weeks were B. Galen 254, W. Rambo 206, G. Meinken 208.

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. 2882.

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

789. ELECTRONIC ENGINEERS (2 positions) - Requires BS/MSEE or equivalent and broad experience in the design, construction and testing of sophisticated electronic systems. ISABELLE Project, Accelerator Department.

Autos and Auto Supplies

TRAILER HITCH - for 1965 Buick Special, \$10. R. Skelton, Ext. 2005.

67 FORD FAIRLANE - 50,000 mi, rusted, \$150. Lynne, 286-8788.

RIM - 14" Chevy, \$2. John, Ext. 3675.

70 OLDS DELTA 88 - good running cond, \$450. Frank, 473-4417 or 246-5042.

76 CAMARO - Type LT, excel cond, 350 48BL, 4 spd, 40,000 mi, lots of extras. \$3,800. 589-0643.

TIRES - (2) Uniroyals, HR-78-15, w/w, make excel spares, \$10 ea. 475-8658 after 6:30.

RIMS - (2) A78-13, 5 hole, \$5 ea, or best offer. Janet, Ext. 2345 or 929-8152 eves.

RIM - 15" for Pontiac, \$4; (1) Ford 351 V8 fuel pump, \$4. Frank, Ext. 3898.

75 TOYOTA COROLLA - 2 dr, 36,000 mi, excel cond, new snows w/rims. \$2,000. Ext. 2898.

76 OLDS - Cutlass Supreme Brougham, mint cond, all power, a/c, am/fm stereo, tilt wh, landau roof, sport mirrors and wh, 37,000 mi. Frank LaPlaca, Ext. 2461 or 331-9139 after 6.

66 BONNEVILLE - 75,000 mi, excel mechanically, no body rust. \$350. Ext. 4514 or 289-8212 eves.

72 BUICK - Sport wagon, good cond, new tires. \$1650. J. Pontieri, 475-9131 after 5:30.

77 PLYMOUTH - Fury Sport, buckets, am/fm 8 trk, a/c, p/s, p/b, 18 MPG, wire wheels, landau roof. \$4,300. Firm. 588-4703.

NEW TIRES - (2) G60-14 w/chrome slotted wheels and adapters. \$120. 289-7681.

SNOW TIRES - Good Year steel belted w/sport rims for Firebird, FR78-14, \$45, for pair. 472-1473.

75 TOYOTA - Corolla H.T., 5 spd, excel cond. \$2,000. Ext. 3515 or 698-1035.

73 CAPRI - 2600 cc, V6, excel running cond, 5 radials w/2 snows, cassette deck, \$1650. 732-2134.

75 VEGA - Std, excel cond, 40,000 mi. \$1600. Sherie, Ext. 4379.

74 CADILLAC - Coupe DeVille, dark blue, white landau top, excel cond, \$3,800. 878-8008 after 7.

74 FIAT - 124 Sport coupe, 1800 cc, 5 spd, am/fm 8 track stereo. \$1700. Sawang, Ext. 2115.

65 CHEVROLET - 5W, runs good, \$250. Hank, Ext. 3935.

70 FORD FAIRLANE - 302 eng, auto, a/c, new exhaust, new brakes, clean cond. \$700. 732-5607.

TIRES - w/rims, 6:50x16 1/2, 8 lug, excel cond, \$20 ea. Norton, Ext. 2913 or 475-5834 after 6.

AUTO BATTERY - Sears 48 Heavy Duty, used only one season, excel, only \$15; also bicycle pump, \$2. Le, Ext. 2060.

TIRES - (2) DR78-14 snow tires, less than 1,000 mi, \$30 for the pair. Ext. 3870 or 732-2332.

64 FORD VAN - front end and rear end. 475-3792.

65 FORD MUSTANG - 6 cyl, auto, 1st model year, good body/eng/trans, \$375. negotiable. John Mills, Ext. 3403.

68 DODGE CORONET - 9 pass, 81,000 mi, V8, radio, roof rack, snows, good cond. \$450. Ext. 3089 or 7951. Must sell by Oct. 15.

72 HONDA - Chopper, \$250. Damaged. Medina, Ext. 3284, 924-6971.

68 MG MIDGET - mint, new clutch, tires, brakes, paint and valve job, hard and soft tops, low mileage, garaged, must see. Tom, 269-6037 or Ext. 2027.

74 GREMLIN - std shift, 2 dr, excel gas mileage, 45,000 mi, perfect cond, mounted snow tires, \$1600. 821-9072.

72 FORD - Station wagon, p/s, p/b, auto, radials, am/fm stereo, good mechanical cond, \$1500. Tony, Ext. 4046 or 288-9077.

67 VW - 14,000 mi on rebuilt eng, mag wheels, 60 series tires, flared fenders, need body work on one fender. 878-4525.

71 VW - Super Beetle, new eng, clutch, muffler, back drums, shoes, 4 tires, excel running cond, \$1300. Firm. 821-9419.

PAIR - of heads and intake manifold for a 1971 302 engine. 588-6417.

73 PONTIAC - Ventura, 350 eng, p/s, p/b, a/c. \$1500. R. Brown, 727-7761.

67 CADILLAC - 2 dr, a/c, all elect, low mileage, good cond, reasonable. 325-0482.

TIRES - (1) G78-14 belted snow, \$10; (1) 7.75-14 polyester cord, \$8. Jim, Ext. 4040 or 289-0876.

70 DODGE - Van, V8, \$1,000. Medina, Ext. 3284 or 924-6971.

SNOW TIRES - E78-14, Dynaglass, like new, make offer. 821-0275 after 6.

Boats & Marine Supplies

31' CHRIS CRAFT - Sport Fisherman, 1963, Twin F/W/C, glassed hard top and decks, mechanics excel, lots of equipment. George, Ext. 2486.

34' SLOOP - Hinckley Sou'western built in 1947, good cond, great family cruising, fully equipped. Jerry, Ext. 3334.

12' ALUMINUM - Outriggers and holders, 1 pr, never used. \$45. Bill Espensen, Ext. 3992.

38' CLAMBOAT - 150 HP, Palmer F/W/C. \$2,000. Diane, 277-1332 anytime.

PAIR - adjustable boat cover supports, \$4. Bill Espensen, Ext. 3992.

68 EVINRUDE - 28 HP, 15' Scotchcraft and trailer, all for \$350. Bob, Ext. 3309.

12' DUCK BOAT - Barnegat Bay sneak box, including trailer, \$275. Ext. 2911 or 581-4238.

12' ALUMINUM - Row boat, oars, anchor, 4 HP Evinrude motor and gas tank, excel cond. \$400. 473-6662.

MARINE RADIO - Telephone, Royce Model 1-700 VHF deluxe, brand new, reg. price, \$419. now, \$269. 722-4330 after 6.

Miscellaneous

YARD SALE - Oct. 7 and 8th. 208 Pine Cone St. Middle Island. Medina, 924-6971.

FLEA MARKET + COLLECTIBLE SALE - Oct. 7 and 8th, 10 am to 5 pm, Rain or Shine. MFD, Silas Carter Rd., Manorville (Manorville Community Ambulance benefit) for info Ext. 2364.

GARAGE SALE - Sat. Oct. 7. 65 Randall Rd., Shoreham. 744-2821.

DINING ROOM SET - 36"x52 1/2" table w/2 10" leaves, 4 chairs, china closet w/beveled glass doors and buffet, walnut wood, very good cond. \$395. Ext. 4532 or 581-9199.

HAND TOOLED LEATHERCRAFT - wallets, belts, saddlery, handbags, boots. Pictorial carvings or your choice, reasonable prices - lovely Holiday gifts. Larry, 585-5256 after 6.

ALUMINUM - (2) storm sash, 34 1/2" w x 40" h to fit within casings; 2 aluminum storm sash, 35" w x 40" h, to fit on face of casings, \$5 ea. Pat, Ext. 4519.

ORGAN CONSOLE - Hammond Model C, church style, 2 five octave keyboards, 24 note pedalboard. \$975. 928-0281 after 6.

KITCHEN SET - Formica top, 60" long w/leap chairs, newly covered, \$35. Leon, Ext. 2350 or 475-8187.

REM - 40X, heavy varmint, 222 Rem, 22" barrel, bull s/s, free float, Leupold 24X, \$525. Firm. Brandy, 744-1616 after 6.

WOODEN STORM WINDOWS - (1) 24"x39", \$5; (1) Dead light, 36"x55", \$10. R. Skelton, Ext. 2005.

LAWN SWEEPER - Sears 36" w, \$20. R. Skelton, Ext. 2005.

DOOR - aluminum storm & screen, 3' wide, excel cond, best offer. S. Katcoff, Ext. 4341 or 475-4005.

ACCORDION - Excelsior, 120 base, three keyboard changes. \$100. Carolyn Eterno, Ext. 2446 or 929-6172.

BAR - w/2 stools, white & gold speckled formica w/red cushioned frame w/rail. \$50. J. Candiano, Ext. 4144.

SNOW PLOW - 6' blade, Hydraulic, \$300. 589-5788 after 7 please.

GM INFANT SEAT - \$10; baby walker, \$2; Infaseat Brand, baby carrier, \$3; floor to ceiling mirrors for entire 10 ft. wall, 200 ft. flexible 4" O.D. PVC Pipe. Wayne, 286-3404 6 to 7 pm.

ANTIQU - Morris chair, best offer. Sharon, Ext. 3341 or 878-2591.

BATTERY OPERATED - Golf cart, 1976 Kangaroo Katty, new battery, must sell, only \$200. 286-8448 after 5.

WASHING MACHINE - good cond, \$45; dryer gas, 1975, needs heating element, \$40; TV, B&W, 24" GE, \$90; red rug 8x10, \$25. 722-4738.

GAS REFRIGERATOR - old but works, make offer. John, Ext. 3675 or 924-3528.

COLOR TV - 20" RCA console, excel wood cabinet, needs transformer. \$35; beginners guitar and stand, \$20. 475-8658 after 6.

SKIS - 185 cm Fischer racing skis, \$10; 175 cm Volkgl Tiger skis and Tyrolia jr. bindings, \$70. Frank, Ext. 3898.

OVAL TABLE COVER - 2 semi-circles, 2 leafs. Ext. 4107 or 472-0721.

RANGE HOOD - GE, 36" ductless kitchen hood, gold, like new. \$20; tennis racquet, Head Master, \$20. Ext. 3619.

DINING ROOM TABLE - old w/6 massive chairs, need work, china closets also available, need refinishing, reasonable. Claire, Ext. 3356.

TV - 19" Admiral B&W console, \$10. 281-7844.

STORM & SCREEN DOOR - wood combination, 3'x6'8", \$15. C. Bennett, 281-8683.

BOYS JEANS - size 12-14, new, 3 pr, (blue, beige, green), \$5 ea. Ext. 3115, Leila.

GREAT ADVENTURE - 2 tickets, \$9 ea. Bonnie, Ext. 2902.

TAPE RECORDER - Craig Mini #404 reel to reel remote mic and carrying case, good cond. \$40. Chris, Ext. 4612.

BATTERY - Sears Diehard, 12 V for VW, used one day, \$67 new, asking \$50; VW official service manual 1968-73, \$10. Dave, 472-1419.

STEEL SHELVING - \$4; ice chest, \$3; steel wardrobe, \$5; 4 bar stools, \$1 ea; crib, \$5; misc items. 821-1793.

SUZUKI - Motorcycle, 125 cc, \$250; shop lights, fluorescent, 4 ft. long, \$5. Steve, 821-1793.

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

CALVERTON - Mobile Home, 12x65, 2 bdrms, w/w, washer, dryer, etc, 2 bathrms, shed, patio, double driveway, excel cond, family park. 369-2236 after 5:30.

BELLPORT - 12'x28' family rm, eik, 3 bdrms, carpet throughout, 3 1/2 yr. old, L/R, wooded lot. 286-8789.

SHOREHAM - N. of North Country, 11 rms, 3 to 5 bdrms, 1 acre, possible Mother/Daughter, deck, 30x30 sunken patio, low taxes. \$58,000. 744-7370.

SHOREHAM VILLAGE - lg Clarendon custom Colonial, 4 bdrms, 2 1/2 baths, den w/fp, eik, formal D/R, 1 1/4 wooded acre, deck, walk to tennis, beach, country clubs. \$80,000 (reduced). 744-1935.

CALVERTON - 3 bedrm ranch, oil fired heat & water, storms & screens, fin bsmt w/bathrm and kit, 1 acre propert. \$34,000. 727-9058.

SETAUKET - (Strong's Neck) 3 bedrm ranch, fin bsmt, central a/c, appl, w/w carpeting, draperies, storms, low taxes, beautifully landscaped, 3/4 acre, winter water view, priv. beach, moorings, \$75,000 - 25% cash. Ext. 3918.

SHOREHAM - Colonial, 4 bedrm, fam rm w/fp, 2 1/2 baths, laundry rm, hardwood floor, D/R, eik, full bsmt, 2 car garage, appl, close to school, quiet court. 821-9365.

ROCKY POINT - The Tides, 70' ranch on a beautiful treed 1/2 acre, 3 bedrm, etc., oak floors, fp, full bsmt, patio, priv beach, golf, fully furn or not, \$45,000. 744-6482.

ROCKY POINT - moving out of state, many extras, 4 bedrm Colonial, eik, 2 1/2 baths, fp, w/w carpeting, wood deck, 1/2 acre, priv. beach. 744-1156.

POCONO'S - 1 acre near Delaware, free horse back riding, swimming, tennis, skiing, ski lifts, city water. I will hold mortgage. Ext. 3870 or 732-3003.

HEAD-OF-THE-HARBOR - farm ranch, near beach, horse variance, 6 bdrms, 5 baths, 3 fp's, over 2 acres heavily wooded acres, all appl, present all offers. 584-6058 or 981-1327.

BLUE POINT - 4 bedrm Cape, 1 1/2 baths, eik, large garage, pool w/deck, appl, fenced 1/2 acre, fin. bsmt, extras, near school, churches, library, stores, bus. low 40's. 363-6341.

SHOREHAM - 4 bedrm custom built Colonial, eik, D/R, w/w carpeting, full bsmt, 2 car garage, 1 acre fenced, many extras. \$56,000. 744-2821.

MIDDLE ISLAND - expanded Cape Cod, 4 bdrms, large L/R, separate D/R, eik, screened patio, 2 car garage, fin bsmt, low taxes, owner will hold mortgage. \$37,500. Ext. 3635 or 734-5343.

LINDENHURST - 5 bedrm, 2 bath house, 100'x125' corner lot, 2 car garage. 878-4880.

ROCKY POINT - "Tides North" beautiful custom decorated Colonial, 4 bdrms, den, fp, w/w, appl, fenced, gorgeous 18 ft. Florida rm, walk to priv. beach club. Must be seen to be appreciated. 744-1927.

For Rent

STONY BROOK - available 12/1/78 to 8/15/79 (Christian Ave) fully furn, Colonial, 3 bedrm, D/R, L/R, bsmt, garage, country kit, fam rm, 3 zone oil heat, 3/4 wooded acre, no pets. \$475/mo + util. negotiable. 751-8605.

STONY BROOK - 3 bedrm house, fully furn, all appl, 2 baths, available Jan. - Aug. 1979. \$400/mo. + util. Ext. 2277.

MASTIC BEACH - 3 bedrm, completely furn, 3 blocks from water, long or short term. \$300/mo. + util. Ext. 3749 or (212)688-7214 after 5.

BELLPORT - 2 rms w/bathroom for single person, \$175/mo. Ext. 3583 or 286-9725 after 6.

VERMONT - Chalet, beautifully furnished, stone fp, near Stratton, Bromley, other ski areas, XC skiing on woodland trails, antiques, fall foliage and winter rentals available, weekend, weekly seasonal. 757-5599 after 5.

ROCKY POINT - 3 bedrm furn apt, fp, \$225/mo + util, avail immediately; also 1 bedrm furn apt. fp, \$175/mo. + util, avail Nov. 1. Bob Shroy, Ext. 4581.

HAMPTON BAYS - spacious 3 1/2 rm apt. on the Bay, a/c, cable TV, all util, Sept. to May, no lease required, \$195/monthly or \$65/weekly. 728-4161.

N. SHIRLEY - 3 bedrm apt. full kit, full bath, D/R, L/R, all util incl. 5 min. from Lab. 924-8264 or 475-4930 eves.

MASTIC BEACH - 2 bdrms apt, D/R, ground floor, large rms, bsmt storage, fenced in yard, util incl. \$285/mo. + 1 month security. No Pets. 281-7815 after Oct. 8.

E. PATCHOGUE - 1 bedrm apt. Priv ent, on the water, all util incl. 475-4930 eves.

JAMESPORT - 7 rm home bordering farm, 3 bdrms, plus garage, walk to village and beach, \$275/mo. + util. 722-4330 after 6.

PORT JEFFERSON STATION - 1 bedrm, 3 large rms, appl, w/w carpeting, patio, priv ent. \$270/mo. 821-0275.

ROCKY POINT - 3 bedrm Cedar Ranch, full bsmt, oil heater, storm windows, metal fence, \$350/mo. + util. Option to Buy. 798-4063 after 6.

PARR VILLAGE - 3 bedrm townhouse, 1 1/2 baths, bsmt and garage, all appl, 2 miles from Lab. For rent or sale. 765-2102 or 924-5259 after 6.

N. SHIRLEY - 3 bedrm house on 1 acre, for rent or to buy. 5 min. from Lab. 585-9154.

Wanted

RACQUET BALL - Members wanted - 20% discount, ABC Racquet Ball Courts. 475-3758.

SMALL BOAT TRAILER - for 12' to 14' boat, reasonable. Jim Hurley, Ext. 4033.

TROY BILT TILLER - to buy. Ace Lasky, 878-0322.

MATURE WORKING LADY - to share home, bedrm, bath on separate floor, share kitchen, laundry. \$175/mo. 475-8377 after 5 or weekends.

WATER FRONT - or water view small summer home or all year home. Ext. 4662.

17' CANOE - reasonable for Boy Scout use. John, Ext. 3675 or 924-3528.

WOOD FLOOR SPECIALIST - clean, strip and varnish. Louise, Ext. 3325 or 878-4864 after 6.

LOGS - 2 or 3 cords of fireplace logs (hard wood) half splits 30"-36" long, 475-8658 after 6.

HIGH CHAIR - used chair, preferably wood, reasonable. 744-7157.

ENGLISH MADE - English Concertina, Crabbe Wheatstone, Boyd, etc. Prefer 48 key treble. 473-0178 Mon - Thurs from 8 pm to 10 pm.

PIANO STOOL - Ext. 3328 or 751-1401.

RESPONSIBLE - teenage girl to babysit occasionally on weekends, Middle Island area. Terri, 924-8599 after 5:30 pm.

LOVING HOME - for very affectionate 3 yr old white and black cat. Daughter developed allergy. Bonnie, 567-6800, 654-2093, after 5:30 pm.

AUTOMOTIVE - Repair book, "Motor Manual 1965 - 1970." Laffer, Ext. 3354.

MINI BIKE - in good cond. Bill, 298-4089.

SWAP - 4 Tutankhamen tickets for Dec. 22, 5:30 pm for acceptable substitute. 473-2473.

BABY CAR SEAT - GM infant seat for under 20 lb. baby, good cond, reasonable. 331-1203 after 5.

PARTICIPANTS - for a survey being taken to check the interest for establishment of regular classes in Ballet. For more info, Arianne Premuzic, 878-8368 from 6:00 to 7:00 pm.

OIL TANK - (1) 275 gallon tank. Woody, Ext. 2290.

LP GAS BOTTLE - 20 lb., also regulator for same, reasonable. Chuck, Ext. 3512.

BABYSITTER - Westhampton Beach area, knidergarten child, 12 noon - 4:30, Pauline, 288-6367.

SINGERS - SATB to join BAFFA chorus, Wednesday night rehearsals, for infor call G. Price, Ext. 3336.

TABLE SAW - in good working cond, 928-5722 after 6.

VERY HIGH - Frequency techniques, by radio research Lab. Vols. I and II. Ralph, Ext. 2591.

BOY SCOUT - Camping equipment, back pack, sleeping bag, etc. Steve, Ext. 4605.

PETS - dogs, cats, going on vacation, complete boarding and grooming, facility indoor outdoor runs. Tony, 288-3535.

FOLK DANCERS - for international folk dancing. Tom, Ext. 4324 or 286-1547.

FAMILY - w/children to care for dog some weekends. 345-3204 eves.