BOLLETIN Volume 31 - Number 7 / February 18, 1977 BROOKHAVEN NATIONAL LABORATORY

For Outstanding Achievement



John P. Blewett received the Merit Award for 1976 of the Nuclear and Plasma Science Society. The plaque commemorating the award for outstanding service arrived last week, and was presented to him by Martin Plotkin, President of the Society. Also on hand to congratulate Blewett were: (from left) Mark Barton, Ken Green and Laboratory Director George Vineyard.

Gertrude Goldhaber On President's Committee

Gertrude Scharff-Goldhaber, Physics Department, has been appointed to the President's Committee on the National Medal of Science

Dr. Goldhaber is one of seven new appointees to the Committee and joins a distinguished group of scientists, among others, Professor John R. Schrieffer, Nobel Laureate in Physics, Dr. Frank Press of MIT, famous for his work on earthquakes and Edward David, Jr., former Presidential Science Advisor.

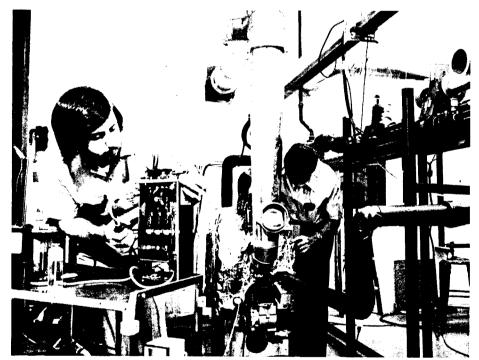
The National Medal of Science was authorized by Congress in 1959 and the first committee to make the awards was appointed by President Kennedy in 1962.

Craft Deadline Nears

Next Friday, February 25, is the deadline for receipt of applications to the Craft Apprenticeship Training Program. So far, 43 employees have applied for the two openings in the electrical trade, two in the machinist, one in the refrigeration and airconditioning and one in carpentry.

The applicants will be interviewed by the Joint Apprenticeship Committee starting on March 14. The Committee is composed of three representatives of Laboratory management and three IBEW members employed at the Laboratory. The prospective apprentices will be evaluated and scored. The six persons receiving the highest scores will be offered apprenticeships and will be so notified on March 25.

The program is under the supervision of Peter Paige, extension 2885.



Heating Units Tested At BNL

The space conditioning of residential and commercial buildings currently accounts for about one-sixth of the nation's oil consumption, one-fourth, of the natural gas usage, and a large fraction of costly peak electric demands. It appears that a considerable amount of equipment installed in past construction is utilizing fuel inefficiency and that some of the currently marketed equipment falls into the same category.

ERDA has determined that a search for and evaluation of high efficiency equipment, combinations of equipment, devices and control strategies should be conducted by means of a program of selective testing. Brookhaven has been selected for this project and it is currently being carried out by the Energy Storage and Conversion Division of DAS.

Conventional home heating equipment, such as this oil-fired boiler hooked up for computer measurement, is being tested by Tom Allen (at left) and Tony Kokinelis at DAS for energy efficiency, free of charge. Manufacturers and developers of residential and light commercial space and water heaters have been invited to participate in this voluntary testing program to encourage efficiency and conserve oil. Bob Hoppe is the test project manager.

This project was one of Brookhaven's energy conservation programs discussed at a press briefing yesterday in New York.

Seamans Issues Departure Statement

After two years as ERDA Administrator, I submitted my resignation on January 20. Robert Fri is serving as Acting Administrator until a new Administrator is appointed. During this period of transition I am continuing to serve the agency on a consulting basis.

The two years that I served as Administrator were extremely active and exciting. We put together a well-staffed organization at headquarters and in the field and were particularly fortunate to have such high-caliber management and scientific talent in the large complex of laboratories and energy research centers.

Although two years is not a long time in any research and development endeavor, ERDA has made significant progress in several program areas. There have been some problems and some disappointments, but we have moved forward with numerous pilot plants and demonstrations

of new or revived energy technologies. I enumerated the accomplishments in each program area at the ERDA Awards Ceremony on January 14.

In the long and difficult search for solutions to our energy problem, this is only a beginning; but it is a solid foundation to build on. There is an urgent need to move forward with a stronger emphasis on Conservation to increase our use of existing fuels other than oil and gas, and to begin to use new fuels. It is mandatory that we reduce our dangerous dependence on imported oil and gas.

ERDA has a very important mission. I have enjoyed the challenge, I have appreciated the cooperation and support of many talented and hard working employees. I wish you all good fortune in the future.

Robert C. Seamans, Jr.
— ERDA News



Last year about 5,000 people visited the Lab on 12 consecutive Saturdays during the summer, the pilot project for this year's expanded tours. A stop at the Graphite Reactor where the exhibits are housed, is a highlight of the tour.

Around The BNL Summer Circuit

The popular Saturday Tours, launched last summer as an experiment, will be presented again this year in an expanded schedule. The public will be invited to visit the Laboratory every Saturday from May through October and, during July and August, on Sundays also. The hours will be from 10 a.m. to 4 p.m.

The program will include a showing of the 15-minute slide presentation, Quest/77, which gives an overall view of the Laboratory, a guided bus tour of the Laboratory site and a stop to view the exhibits and ask quesions at the Science Center (formerly the Graphite Reactor).

Plans are in the works for exciting new exhibits at the Graphite Reactor and for the gradual transformation of this facility into a Science Center. A small staff is now being recruited to develop these initial plans and to administer the exhibition hall.

The traditional two-day Open House will not be held this year. It was felt that the weekly tours allowed a more flexible schedule for people to become acquainted with Brookhaven's research, rather than the somewhat overwhelming experience of trying to absorb a great deal of information in one day.

Weather is also a factor. If the weather is bad on a weekend planned for an Open House, attendance is poor and a great deal of preparation and disruption of research laboratories, has been for nought. No reservations are required for general public tours. School groups, however, will be asked to contact the Public Relations Office for appointments.

Safety First

The magazine, Family Safety, has been distributed to all employees by the Safety and Environmental Protection Division. Charles Meinhold, Head of the Division, says that "family safety is as important to us as individual safety. You are home a lot more than you are here, and the possibility of an accident at home is much higher."

This publication is issued four times a year by the National Safety Council and employees are urged to take it home. The whole family should be aware of the safety information contained in the magazine.

Highlights Are In

The following report is now available to the Laboratory Staff and to affiliates of the ERDA, AUI and BNL. Others may purchase it 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-50525 Brookhaven Highlights \$5.50 July 1974 - June 1976 Brookhaven Bulletin





Nice Ice

Max Small's Upland Recharge Project operates all year round. In the winter it resembles a fairyland with ice castles eight feet high. At one end of Marsh #1, the perforated pipe was rotated into the air instead of along the ground. During the continuing cold weather, the spray formed these hollow ice sculptures.



IBEW Meeting

Local 2230, IBEW, will hold its regular monthly meeting on February 24, 1977, at 8:00 p.m. in the Knights of Columbus Hall, Railroad Ave., Patchogue. There will also be an afternoon meeting at 2 p.m. for shift workers in the Union Office at 31 Oak Street, Patchogue. On the agenda will be regular business, committee reports and the President's report.

CREF Values

1976

January	\$40.31	February	\$39.76
March	40.75	April	40.10
May	39.69	June	41.60
July	41.21	August	40.94
September	41.59	October	40.62
November	40.40	December	42.66

1977

January \$40.27

Stony Brook Events

Erica Jong To Read - Feb. 22, 8:00 p.m., Lecture Center 100, best known as author of *Fear of Flying*, will give public reading of her works.

Art Exhibit - Recent works by Mel Pekarsky, Stony Brook Fine Arts Gallery, noon - 5:00 p.m., Monday - Friday through Feb. 25. free

Program For Self-injurious Children – Offered by the Psychological Center to treat normal children between the ages of 24 and 36 months who headbang, etc. Behavior modification and special education by Dr. Edward Carr and Joan Fisher. \$5 per session. Contact Psychological Center 246-5970 or 246-6719.

Music Season - Artist Series, March 4, Jack Kreiselman, clarinet, with Graduate String Quartet, 8:30 p.m., Lecture Center 105, \$2.50; Classical Series, Feb. 24, Daniel Shafran, Union Auditorium, 8:00 p.m., \$5; Master of Music Degree Recitals, Feb. 22, Janet Crossen, piano, Lecture Center 105, 8:30 p.m., free; Feb. 23, Gary Van Dyke, percussionist, Lecture Center 105, 8:30 p.m., free; Feb. 25, Marianne Belleville, voice, Lecture Center 105, 8:30 p.m., free; Feb. 26, Martha Calhoun, cello, Lecture Center 105, 8:30 p.m., free.

Theatre Production - George Bernard Shaw's "Candida," Feb. 24-Feb. 27 and March 2-March 5, Calderone Theatre, south campus, 8:00 p.m., \$4 tickets may be reserved on the day of performance by calling 246-5681 between noon and 7:30 p.m.

Arrivals & Departures

Arrivals

Juanita C. Beatty	Staff Services
Rebecca C. Bowen	App. Science
John W. Cochrane	Plant Engrg.
Harriet Fadem	Accelerator
Robert P. Gergley	App. Science
Peggy W. Hanlon	Ph. & Gr. Arts
Joseph E. Holle	
Gary Hulse	
John F. Mosley	Safety & Env. Prot.
Thomas R. Muller	Accelerator
Linda M. Ptashnik	Ph. & Gr. Arts
Anant Ramamoorthy	Safety & Env. Prot.
Laura D. Sbarra	
Tony Scheschowitz	
Francis T. Stepnosky	Safety & Env. Prot.
Wu-Tsung W. Weng	Accelerator

Departures

John C. Evans Chemistry

Pick A Student

Applications to the Brookhaven Summer Student Program are now available for review in the Office of Scientific Personnel, Bldg. 460.

Each department has appointed a coordinator to keep track of the student selections. Requests for students from staff members must be channeled through the department coordinator to the Office of Scientific Personnel by March 4.

Cafeteria Menu

Week Ending February 25, 1977

Monday, February 21 Snack Bar Service 9 a.m. – 2 p.m.	
Tuesday, February 22	
Cream of potato soup	
Southern fried chicken & 1 veg.	1.10
Macaroni & cheese & 1 veg.	1.05
Hot deli - veal & peppers	
Wednesday, February 23	
Beef barley soup	
Tuna noodle casserole	1.10
Hot deli – corned beef	

Special

cup of soup, tacos & refried beans pie or ice cream, small beverage \$1.68 plus tax

Thursday, February 24	
Chicken noodle soup	
Chili dogs & rice	1.00
Salisbury steak & 1 veg.	1.25
Hot deli - baked Virginia ham	
Friday, February 25	
New England clam chowder	
Broiled filet & 1 veg.	1.15
Roast sirloin of beef & 1 veg.	1.30
Hot deli - meatballs & peppers	

Retiring In February

Veronica G. Miko, a Custodian Group Leader in Staff Services since May 19, 1958, retired on February 9.

Irving Groobert, Clerk in Supply & Materiel since October 1, 1957, will retire on February 25.

Rifle & Pistol Club

Our winter league ended in February with the Eastern L.I. Pistol League. We won 4/12 – raw scores, and 6/10 – handicap scores.

Highest shooters for the League were:

Len Chemienti	261, 262
Dale Norden	261, 257
Otto Jacobi	271, 262
John Mazzeo (Instructor)	262, 271, 261, 260
Vin Lettieri	257

The summer Round Robin will start with the first Tuesday and the third Tuesday in April and will continue into September. There will be 10 matches in all starting at 5:15 p.m. at our outdoor target range. For further information contact League Chairman, J. Zahra, Ext. 4667, 4634.

Emergency Closings

Here is the list of radio stations that carry news of closing or late opening of the Lab on snowy days:

Station	Area	AM	FM
WALK	Patchogue	1370	97.5
WBAB	Babylon	1440	102.3
WGLI	Babylon	1290	_
WGSM	Huntington	740	_
WHLI	Hempstead	1100	98.3
WHRF	Riverhead	1570	_
WLIX	Islip	540	_
WLNG	Sag Harbor	1600	_
WRIV	Riverhead	1390	_
wwĸj	Southampton		95.3
WBLI	Patchogue	_	106.1
WRCM	Riverhead		103.9

Monday Is A Holiday

On The Aisle

With a full house across the footlights, the company of BERA Theater Group players under the capable direction of Roscoe Mack provided last Saturday's audience with a well balanced and engrossing performance of "A Man For All Seasons." Tony Fainberg played the demanding role of Sir Thomas More with such ease, assurance and understanding that More as a superior man, husband and father quickly came to life on the stage.

Jane Love acted a somewhat untraditional Lady Alice so well that it was obvious that More's patience was tried in the household as well as out. Denise Dew-Hughes' suppleness and grace brought a feminine charm badly needed as a relief to a cast so dominated by males.

The major supporting characters were all strong and gave to the play that degree of fine acting required to supplement the major performances. Particular credit for the success of the show should go to Bill Love, Ed Beardsworth, Richard Perry, Bob Kinsey, Ray Reuger, Joseph Indusi, Kurt Fuchel and David Dew-Hughes.

Let neither rimes nor reasons deter you from seeing "A Man For All Seasons." It is suggested that theatergoers with lean buttocks bring a cushion – the seats are hard.

Tickets for Friday and Saturday evening, February 18 and 19 are still available at \$3.00 for adults, \$2.00 for those under 18 and 65 and over. Curtain promptly at 8:00 p.m.

— John Binnington

Look For

Kurt Fuchel's goatee.
Denise Dew-Hughes' profile.
Ed Beardsworth's legs.
Jane Love's headgear (Act I).
Tony's tantalizing tights (rear view).
Jane Love's headgear (Act II).

Trip To New York City

The Hospitality Committee is planning a group railroad trip to the city on Wednesday, March 2. Departure will be at 8:32 a.m. from the Patchogue LIRR Station. The round trip fare for adults is \$2.45, children and active the state of the st

dren 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, no later than February 24. Make checks payable to "Cash." Refunds will be made only if cancellations are received before noon on Friday, February 25

BROOKHAVEN BULLETIN

Published weekly for the employees of BROOKHAVEN NATIONAL LABORATORY

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Letters To The Editor

To all my friends at Brookhaven,

Thank you very much for all your cards, calls and thoughtfulness during my recent illness.

Sincerely, Joan Redzinak

To the Editor,

In your January 28th issue of the *Bulletin*, I read with great interest the letter you published from a non-smoker.

May I add that, not only are secretaries subjected to this condition, but many more persons as well around the Lab are victims of very inconsiderate coworkers.

Those who smoke defy us day after day by smoking not only cigarettes but odorous green cigars and smelly pipes. The offensive odor just lingers around, impregnating all materials and air in the working areas. If you voice your feelings they grin at you and linger around, puffing away. It may be a joke for them but it is no joke to us non-smokers. It is anyone's privilege to breathe fresh air and it is wrong to be forced to inhale polluted air.

As a first step, it would be interesting to canvass the different buildings on site and find out how many people do not smoke and how many do. This might incite the timid souls to speak up. Remember that smokers feel pretty strong about their habits because they very seldom meet opposition.

Second, if the Lab can force us to lower thermostats to conserve energy, it certainly can compel smokers to refrain from polluting the air in general working areas. Designated spaces could be assigned to smokers. This regulation could be enforced by the Fire Department with unannounced inspections.

The Lab is one of the few employers on Long Island that cares enough to give us a free yearly medical examination to let us know whether we are in good health and, at times, to bring our health back through their medical department's expertise. Why, then, spoil such a privilege (to us non-smokers) by exposing us to unnecessary man-made pollution?

Hoping you will pursue this matter until solved.

I am sincerely yours, Jack Gandrey, Bldg. 930

Rambling Around

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

The following is another aspect of the smoking problem reprinted from the *University of Utah Review*:

Smokers who quit "cold turkey" have a better chance of kicking the cigarette habit than those who taper off gradually. Their chances are further enhanced if they stay away from coffee while making the break and if their families reinforce and do not belittle efforts to quit.

These findings emerged from a study of 139 Salt Lake residents who participated in smoke-stop programs during the past five years.

College of Health graduate student Ray Johnson, who conducted the study for his doctoral dissertation, said only 30 of the men and women interviewed had not returned to smoking. Among those who hadn't restarted, 24 of them stopped abruptly or "cold turkey," while the other six quit gradually.

The survey indicated that a person is less likely to succeed if the consumption of coffee continues during the critical weeks of transition. Johnson suggests a switch to tea or another beverage for at least a month. Among the failures (those who had re-

sumed smoking), 88 percent continued to drink coffee daily after attempting the break, compared with 74 percent of those who succeeded.

"We found a natural association between drinking coffee and smoking," Johnson says.

It was the unanimous feeling of the 30 who succeeded in quitting that they would die an early death if they continued to smoke, Johnson says, also noting that 75 percent of those who returned to smoking felt the same way.

He says none of the successful 30 reported receiving any strong negative reaction from family members or close friends during their struggle to stop. On the other hand, 85 percent of the failures did.

"Pressure, tension, emotion... were the reasons most often given for the resumption of smoking," Johnson says. Many people need cigarettes in order to cope with anxieties."

Teaching people to relax might be another part of the solution, he says.

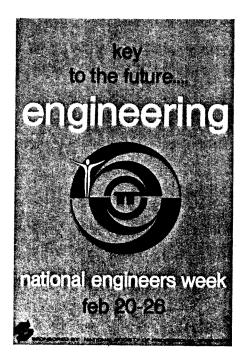
- This year, one reactor supervisor and several reactor operators will reach or pass the 25 year mark: Supervisor Hugh Campbell 30 years; Operators William Keating 30 years; Edward Hein 27 years; Martin Sautter 26 years and Stan Sajnacki 25 years. Normally it takes one supervisor and two operators to operate the reactor. Now they will be able to put together a crew with over 85 years reactor experience.
- In December, the Laboratory used 75 gallons of fuel less per degree day than in December 1975. And, in January, the coldest month in a long time, usage was still 30.5 gallons less per degree day than in January of the previous year. On another winter note, large quantities of rock salt were bought last summer at good prices so the current shortages will not affect us. The rock salt has been mixed with sand to make sure it lasts, if and when the snow returns.
- Headline in Science: "Alcohol: A Brazilian Answer to the Energy Crisis." we'll drink to that!
- Also from Science: Erratum: As several readers have pointed out, in an article on penicillin-resistant gonorrhea (Science, 24 December), it stated "In the hopes of making patients feel guilty, scientists...recently agreed to give them [venereal diseases] another name... The sentence should have read, "In the hope of making patients feel less guilty..." —B. J.C.

Cooking Exchange

What's your favorite fish? Shrimp, flounder or cod? Bass, blues or oysters? Come to the Cooking Exchange on February 23rd and find a new way to serve an old favorite, and perhaps even a new way for a new favorite.

That's Wednesday, February 23rd at 12:30 p.m. in the Recreation Center. Only 75¢/child for babysitting.

Coming up next: French Cuisine. Would all Frenchmen, Frenchwomen and Cordon Bleu chefs please call Judy Mills at 281-4472 to volunteer your masterpieces!



Any registered P.E. interested in joining the Suffolk County chapter of the National Society of Professional Engineers should contact Joe Curtiss, extension 4608.



Come To The Ball

One of the highlights of this social season promises to be the First Annual Winter Cricket Ball. The Brookhaven International Cricket Club is sponsoring this gala event at the Brookhaven Center on Saturday, March 12, beginning at 8:30 p.m.

Presiding over arrangements for the Ball are Miss Gail Thompson, Bellport, Mr. Debaprasad Majumdar, Brookhaven and Mr. Edward Beardsworth, Jr., also of Bellport.

Besides the usual quantities of food and drink, they have selected a rather lively band for dancing and some other entertainment which it would not be cricket to disclose at this time. A small charge of \$6 per person will be levied. Do plan to attend.

Sports News

Bowling

Purple & White League

2/3/77: The Penthos are holding tight to first place, closely followed by the Odd Balls, Woodchucks, and the Pin Pickers. High rollers for the men were Ted Erickson 204, John Usher 203, and Joe Mayeski 202. Keeping it all in the family, Nancy Mayeski also had a great night bowling a 185/174 to lead the women. Good games also by Mary Austin 171, Carolyn Eterno 169, and Pat Manzella 165.

Red League

The Freon Loaders bowled 3056 pins for the night with an 1107 game putting them into first place. R. Marlow had a 213 in the 8-3 win. The Bubble Boys knocked down 3024 pins and took 11 points. J. Cain had a good night with 664 gross and W. Kollmer had a nice 202 game. For the Sandbaggers, R. Jones bowled 221, Ed Meier 207 and C. Bohnenblusch a 204. For the 76'ers R. Larsen had a 202.

Green League

2/1/77: The Charlie Browns took eleven from the Old Timers to stay in first place. J. Scott had a 207 game. The Super Cools moved into second by taking eleven points from the Sandbaggers. G. Speidell had a 210 and B. Belligan a 223. The Blue Jays took eight from the Pinball Wizards. For the Blue Jays T. Iarocci had a 246. For the Wizards R. Eggert had a 201/203.

2/8/77: The Charlie Browns took only six points from the Got-A-Hit-Ums to stay in first place by one point. For the losers, N. Parrinello had a 205. The Blue Jays socked the Cosmos for eleven points to move within one point of first place. For the Blue Jays T. Iarocci had a 212 and J. Berech a 213. The Super Cools in third took eight points from the Old Timers. The Pinball Wizards lost eight with R. Eggert having a 200 game.

Black & Blue League

The Pinsplitters continue to lead the league as the combination of Bugala's and Tyler's prove to be very effective in the second half. High games were Bob Holland 200, Pat Oster 186, Debbie Antonio 179. High gross pots were won by Bob Holland 245 and Rosemary Brehm 216.

Basketball

In the first game of the double-header on January 27, the hapless Persuaders were defeated by the Dribbles 85-72. Wayne Smith lead the Dribbles with 28 points and Greg Donaldson put in 22 points for the Lacers. The second game was a close defensive contest with the Spuds outlasting the Browns 87-86. Stanley Gilbert led the Spuds with 29 points although Bob Doty and Mike Dagg both contributed 20 points apiece. Jerry Hobson had 28 points for the Losers.

In the first game of the double-header on February 3, the Dribbles defeated the first-half champs, the Spuds, 77-74. Bob Doty led the Spuds with 27 points while Jeff Gaffney scored 21 points for the victorious Dribbles. In the second game, the Browns stomped the Persuaders 115-80. They were led by Jerry Hobson with 46 points, the Moose with 29 points and Leroy James with 23 points. High scorers for the Persuaders were Greg Donaldson with 24 points and Leon Carmel with 21 points.

In the first game of the double-header on February 10, the Persuaders, although leading the Spuds at half-time 40-37, exhausted themselves to lose 80-68. The precision passing of Jim Garrison allowed Dr. K to operate for 24 points for the Persuaders. Stanley Gilbert went bananas and scored 41 points for the Spuds. The second game the Browns defeated the Dribbles 100-93. Jerry Hobson led the Browns with 36 points, and Leroy James contributed 24. Leading scorers for the Dribbles were Jeff Gaffney with 29 points, Dennis Nordstrom with 24 points and Wayne Smith with 20 points.

Volleyball

Employee's League

This week the Cool Tools edged past the Spikers (22-20, 21-8, 11-21), and Phoenix barely squeaked by the Atom Spikers (21-17, 21-9, 21-17). Chemistry continued to win, beating the Circuits (10-21, 21-9, 21-15). This week Chemistry plays the Spikers, the Road Runners face the Cool Tools, and the Atom Spikers take on the Circuits. Standings after two weeks of play are:

	Won	Lost	Pct.
Phoenix	6	0	1.000
Road Runners	2	1	.667
Chemistry	3	3	.500
Spikers	3	3	.500
Cool Tools	2	4	.333
Circuits	1	2	.333
Atom Spikers	1	5	.167

Mixed League

Latest results as of February 7th:

Division A:

Trolls – Parton Propellers (12-15, 15-5, 15-4) Spikers – Upstarts (15-4, 15-10, 15-12) Oceanography – Pushovers (16-14, 12-15, 15-4)

Division B:

Nuke Powers – Center Crew (15-11, 10-15, 15-13) Lookin Good – Diamonds (15-12, 12-15, 15-11) Terabits – Flashers (15-2, 15-6, 15-4)

Standings				
Division A	Won	Lost	Pct.	
Trolls	24	3	.889	
Spikers	15	12	.555	
Oceanography	14	13	.519	
Parton Prop's	12	15	.444	
Pushovers	8	19	.296	
Upstarts	8	19	.296	
Division B	Won	Lost	Pct.	
Nuts & Bolts	20	1	.952	
Terabits	15	9	.625	
Diamonds	14	10	.583	
Nuke Powers	12	12	.500	
Lookin Good	9	12	.428	
Center Crew	8	16	.333	
Flashers	3	21	.125	

Selected Reading

Eng. Sci. 40, January-February 1977

What's the use of the humanities? A primer for the perplexed. W.T. Jones. 4-8 In the footprints of future man. J. Bonner. 9-15

Action in chemistry. H. Gray. 16-21

Science 195, February 11, 1977

The economic issues of the fast breeder reactor program. B.G. Chow. 551-6

Kennedy, GAO criticize NSF; Grant renewal is rejected. P.M. Boffey. 556-8

Congress: House redistributes jurisdiction over energy. J. Walsh. 562-3

Classified Advertisements

Placement Notices

The Laboratory's placement policy is to select the bestqualified 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.

70. OFFICE SERVICES ASSISTANT - To assist in departmental purchasing and budget/cost reporting functions. Requires typing ability, as well as training or experience in accounting or similar detailed, analytical office work. This is a responsible position with growth potential. Physics Department.

71. TOOL & INSTRUMENT MAKER, GROUP LEADER - Central Shops Division.

72. APPRENTICE - Electrician. Two positions. Plant Engineering Division.

73. APPRENTICE - Experimental Machinist. Two positions. Central Shops Division.

74. APPRENTICE - Carpenter, Plant Engineering Division.

75. APPRENTICE - Refrigeration and Air Condition-

76. MATERIAL HANDLER - Supply & Materiel Division.

ing. Plant Engineering Division.

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

77. DEVELOPMENT ENGINEER - BSEE degree or equivalent with experience in the design of pulsed high current/high voltage power supplies and analog, high noise immunity logic circuitry. Accelerator Department.

78. PUBLIC RELATIONS ASSOCIATE - MA degree or equivalent. Requires working familiarity with exhibit concepts and proficiency in the design and production of brochures, booklets and displays. Director's Office.

79. REFRIGERATION & AIR CONDITIONING ENGINEER - Plant Engineering Division.

80. CABINETMAKER - Plant Engineering Division.

81. HEAVY EQUIPMENT MECHANIC OPERATOR - Plant Engineering Division.

82. OFFICE SERVICES ASSISTANT - Requires proficiency in claims processing for group, medical, life and disability insurances. Personnel Division.

83. OFFICE SERVICES ASSISTANT - Requires good communication skills. Public relations, tour, or exhibit experience helpful. Director's Office.

Autos & Auto Supplies

69 COUGAR - Ps/auto, eng & carb recently reblt, 15 mpg local, r&h, good tires, new shocks, brakes, alt, starter & batt. \$650. Terry, 281-7720 eves.

72 PONTIAC LEMANS- 35,000 mi, ac/pb/ps, clean & good cond. 281-5692.

WHEEL RIMS - 15" from Merc, had H78-15 on them, \$4 each or 2/\$7. John, Ext. 3292.

66 DODGE DART - 6 cyl, std, good running cond.

\$295. Bill, 744-8999 after 6. 74 JEEP - ¾ ton pickup, auto, ps/pb, V8, 30,000 mi,

am/fm tape, new 9:50 snows, 12:00 - 16.5 tires on whites spokes, cap. Mitch, Ext. 3084.

67 CAD CONVERTIBLE - Ps/pb pw/ac, sb tires, am/fm stereo radio. 732-4802 after 4.

72 CHEVY NOVA - 34,000 mi, std trans, 6 cyl. Asking \$1450. Tom, Ext. 3525.

70 CHEVY NOVA - Am radio, a/t, body excel, 307 V8, a real classic. Ext. 2951.

74 DODGE MONACO WAGON - 9 passenger cruise control, ps/pb/ac. Best offer over \$3000. Pete, Ext. 4134. 751-6569.

69 FORD LTD - 4 dr hdtp, at/ps/pb, 302 eng, 16-20 mpg, new tires, battery, exhaust, extra wheels, excel trans. \$650. Ext. 2492.

74 PLYM DUSTER - Gold, ac, am/fm stereo, 34,000 mi, new tires, excel cond. \$2495. 588-4733.

65 PONTIAC TEMPEST - Convertible, new top, 2 new tires, new batt, good cond. \$300. 981-5993 after 6. 2 CHROME WHEELS - Spoked, 15x7 w/G78 tires for Ford truck, or Dodge van slug. \$60. Bill S., Ext. 4434.

SEAT FOR DODGE VAN - Tan high back w/adj swivel base, new, \$75; spoiler for Dodge van, \$15. Bill, Ext.

VAN WINDOWS - 1 pair heart shape, \$35; 1 pair gem shape, \$45; snack tray for Dodge van, \$10. Bill

S., Ext. 4434.

70 HORNET - 6 cyl automatic, 22 mpg, new brakes, exhaust system, more, radio, stereo tape system,

70 HORNET - 6 cyl automatic, 22 mpg, new brakes, exhaust system, more, radio, stereo tape system, excel cond, avail mid March. \$625. Richie, Ext. 4254, 734-7342.

4 TIRES - Michelin 230x15 steel belted radials, good for approx 10,000 mi, \$40. Larry, Ext. 3942, 727-1412.

mpg, 1600 mi, luggage rack, cond like new. \$750. Ext. 4019. 66 CHEVY NOVA - Auto, 4 dr, sedan, ps/pb, runs

75 YAMAHA - RD 250D, bought new June '76, 55

well, new engine. R. Horwitz, Ext. 4134. 70 MAVERICK - 2 dr, a/t, r&h, high mi, runs good,

body good. \$800. 929-4413 after 6. 68 CHEVY WAGON - Cheap, make offer. Ron, Ext.

2 RIMS - 15" VW, 5-hole, \$3; (2) 13" 5-hole, \$2. 727-

68 VW - New eng, gen, regulator, tires, needs batt, minor repairs. \$525, will haggle. Sanchez, Ext. 4489, 698-3145 eves.

PARKING LIGHT - & tail light lenses to fit most cars 1948-68, reasonable. 399-2084 after 6.

FENDER SKIRTS - To fit most cars 1956-68, reasonable. 399-2084.

CARBS - Fuel & water pumps & regulators, factory rebit for most cars 1935-60, very reasonable. 399-2084 after 6.

68 FORD - Custom, vinyl int, new brake drums & shoes, 19,000 mi on rebuilt eng, new starter. \$400. 281-6293.

Boats & Marine Supplies

85 HP MERC - 1975, ob conrtols, battery, good cond. \$1100. 281-6325 after 6.

CANE MAST - M/sail, jib, booms, no hardware, new. 878-2134 after 5.

15' SHARPIE - Good for clamming. \$150. 286-0761. 75 CRUISER ENDURO - 19'6" deep vee, 115 hp Johnson, p/t, tach, compass, bilge pump, cockpit lights,

w/w full canvas, sleeps 4. \$4800. 821-0695. BOAT TRAILER - To 14' boat, all galvanized, excet cond. \$100. 286-0246 after 5:30.

OUTBOARD MOTOR - 10 hp Chrysler, 1974, never used. \$400. 878-2704.

15' TRI HULL - Fiberglass, 1970, w/40 hp outboard, '76 Shorline Galv-Trailer. \$1500. 878-2704.

PLYWOOD DINGHY - Good cond, needs coat of paint, now is the time to get ready for spring. \$75. Ext. 3593.

21' JERSEY SKIFF - Gailbreth, 200 hp fresh water cooled. \$1600, make offer, marine head, new type, \$30. Ron, Ext. 4082, 289-1003.

Miscellaneous

28' BEELINE TRAILER - Fully equipped, sleeps 6, 4 rms, excel cond. \$4800. 924-5482 after 6:30.

HALLMARK CARDS - Pkgs of 10 for \$1.00, general, anniversary & birthday, relative. Sharon, Ext. 3312, 878-2591 after 6.

SHORT WAVE RECEIVER - Hallicrafters, model S-16, works fine. \$30. Walt, Ext. 4504.

ANTIQUE RADIO - 1920's, Philco, plays well w/spare tubes. \$50. 286-0246 after 5:30.

BICYCLE - Girl's high riser, white banana seat, excel cond. \$20. Ext. 2493.

PEDESTAL TABLE - Solid black pine, round 42", 2 capt & 2 mate chairs, 14" glass top, orig price, \$900, will sell \$400.722-4784.

COAT - Women's heavy, size 12, \$15; 2 sleds, \$3 ea; roller skates, child's, size 13, \$2. Ext. 3382.

GIBSON GUITAR - 1956 Les Paul Jr, all orig, very good shape. Asking \$350. Ed. 727-3608.

RECORD PLAYER - Stereo, Dean stereophonic, 2 speakers. Ext. 4823.

RECORD PLAYER - Philco solid state stereo, 2 speak-

ers can handle 4. 878-2134 after 5.

BEAM - %"x9"x4½"x36', good for hoist hanger,

girder for house, etc. 878-2134 after 5.

WATER SKIS - Tow rope, life belt, new. Ext. 4823.

WEDDING GIFTS - New dinner ware, 45-pc Kensington ironstone, olive green, service for 8, \$40; 32-pc semi-vitreous, white w/floral pattern, service for 6, \$35.928-1127 after 6.

CHRISTMAS/WEDDING GIFTS - Never been used, wok, elec, red 12", \$30; fondue, elec, red, 1½ qt, \$20. Ext. 2948, 928-1127 after 6.

EARTH SHOES - Never used, high boot, size 10½, 1

ARCHITECTS - Paoli Soleri's ARCHOLOGY book, Ig format, \$20. 928-1127.

SHIP BUMPERS - Macrame covered, nautical motif wall decor, must see to appreciate. \$100 each. 928-1127 after 6.

ELEC GUITAR - Sterling w/case, \$70, excel cond. 475-8658 after 6.

AUTO-TELEPHOTO LENS - Vivitar, 133 mm 2.8, \$50. Ext. 2885.

TAPE RECORDER - Phono cartridge & pak-a-poose. Li, Ext. 3820.

TENNIS RACQUET - Davis Classic II, good cond. \$20. Ext. 3619.

DRUM SET - 5-piece, excel cond. \$150. 286-0761.

RECEIVER - Solid state, excel cond, stereo 20 watts

per. Richie, Ext. 4254, 732-2838 after 6.
ENGLISH POINTER - For adoption, female, field

trained. 924-8547 after 6.
OSCILLOSCOPE - EICO, brand new, list \$189.95, sell,

\$110. Len, Ext. 4675, 584-7258.
ELEC BROOM - Regina, 1 yr old, works great. \$18.

588-4733.

VACUUM CLEANER - Hoover upright, like new, only \$45. 588-4733.

PIANO - Yamaha, full upright, institutional model, dual wheels, locks on key board & top ebony, absolutely mint cond. \$600. Larry, Ext. 3942, 727-1412.

TWIN BED SET - Women's dresser & men's dresser, full size maple bed. 727-4515 after 9.

ELEC GUITAR - Kingston, solid cut away, adjustable neck, like new. \$30. Fred Kuehl, Ext. 4823.

LOGGING SAW - Wright, heavy duty, reciprocating 2 cycle gas, little used. Asking \$75. Fred Kuehl, Ext.

ASST MATH BOOKS - \$3 ea. W. Hirzel, Ext. 4278.

CONVERTIBLE SOFAS - Castro, 2 matching, convert into 2 twin beds, hardly used. Ext. 3392, 475-8330.

24" BIKE - Girl's Schwinn, good shape. \$18. John, Ext. 3292.

20" BIKE - 3 spd, fair cond, boy's model. \$15. John, Ext. 3292.

69 COX CAMPER - Pop-up, sleeps 6, extra set of tires, lp gas, heater, stove, self-contained toilet. \$700. Ext. 4041, 878-4448.

DRESSER - 6-drawer, blonde, \$10; table, air hockey aame. \$20. Ext. 4019, 727-2889 after 4.

REFRIGERATOR - Coldspot frostless, 2 dr, good cond. \$50; ping pong table. \$8. Ext. 4019, 727-2889, after 4. CLARINET - Artley; Artley flute, both like new. \$100

each. Ext. 4019, 727-2889 after 4.

TURNTABLES - 2 Rek-o-cut w/arms, 2 spd. \$10 each;
Garrard mod 50 changer w/cartridge, \$10. Sanchez,

AM RADIO - Suitable for truck, tube type, Motorola, cheap, \$3. Sanchez, Ext. 4489.

TOASTER - 2 slice, \$5; leather ladies roller rink skates, like new w/metal case. \$15. Steve, Ext. 3469, 281-4371.

DRAPES - Kelly green for 13' wall w/traverse rods, make offer, electric clock, 18" high grandfather style, \$7. Steve, Ext. 3469, 281-4371.

TELEPHOTO LENS - Auxiliary for F3.5 twin lens reflex camera. \$15 firm. Bussiere, Ext. 3501.

16" BICYCLE - Boy's, good shape. \$16. John, Ext. 3292.

TAPE RECORDER - Concertone stereo, 6 heads reversomatic, sound on sound, echo, mint cond. Azzara, Ext. 4599, 271-2877.

FM TUNER - Sctt multiplex stereo in mahogany cabinet. Azzara, Ext. 4599, 271-2877.

12" B&W TV - \$25. Ext. 3583.

CONTEMP COUCH - & love seat, blue & white, almost new, cost \$700 new, will accept \$400. Ext. 2882, 473-9121 after 6.

HOME FOR LUNA - 1 yr old spayed german shepherd, needs yard, love & attention, all shots, completely house broken. Pat, Ext. 2877, 399-1679.

MUZZLE - \$1; new men's shoes, \$12; 3 sport jackets, good cond, 38, \$6, \$5, \$1. Ext. 3609.

SPRING/FALL COAT - Size 12, melon, \$8; blue blazer size 12, \$4; rabbit fur coat, \$30. Ext. 3609.

SPRING/FALL COAT - Size 14, green check, \$8; brown jeans, 32-30, \$5; light fixture, \$3; plant holders, \$2 & \$3.744-5871.

CANVASES - Artist's, new, asst sizes; 504/pk of 3;

men's slacks, excel cond, some wool, mostly cotton, 34-30, \$5, \$7. Ext. 3609.

2 FOLDING BEDS - 30" wide, aluminum frames,

foam mattresses, very good cond. \$15 & \$20. Joe, Ext. 4630.

BABY ITEMS - Portable car bed/carrier, \$10; Sears pak-a-poose, \$7, both excel. Joe, Ext. 4630.
STORM DOOR - Aluminum, 3'x6'x8", good cond.

\$15. Jim, Ext. 4691, 744-3792.

GOLF BALLS - Used, very reasonable. Irene, 589-

6468 after 5.

RCA COLOR TV - Solid fruitwood cabinet, remote

control. \$100. 281-4080.

GRUNDIG STEREO - Beautiful cabinet, excel cond.

\$50. Must be seen. Mike, Ext. 3198.

SLIDE PROJECTOR - Revere w/9 slide trays, excel cond. \$40. C. Nauman, Ext. 3412, 286-3764 eves.

MOVING - Contemp walnut china closet w/glass sliding doors, \$100; child's night stand, \$5; wooden

doll house, \$20. 744-2268 after 5.
BICYCLE - Girl's 26", \$15; roller skates, child's size 13,
\$3. Thornber, Ext. 3382.

PRECISION LATHE - Unimat, mounted on butcher block, includes most metal working accessories for this model, total value over \$700. Asking \$450. 924-7160.

TAPE RECORDER - Tandberg model 64, 4-track deck, excel cond. \$275. Ext. 3828, 751-7250.

PHONO CARTRIDGE - Shure V15, type III, used about 20 hrs, new cond, \$35. Ext. 3828, 751-7250.

BABY SEAT - Pak-a-poose, \$5. Ext. 3828, 751-7250.

CAMERA - Zorki 4, 35 mm rangefinder, Russian copy of Leica, f2, 50 mm interchangeable lens, leather case. \$40. David, Ext. 3501, 286-8097 eves.

35 MM CAMERA - Voiglander Vito CL, 50 mm, f 2.8 lens, coupled exposure meter, leather case. \$40. David, Ext. 3501, 286-8097 eves.

VENDING MACHINES - Brand new. 924-3066. GOLF CLUB SET - Used tennis rackets, very reasonable. 924-3066.

SKIS - Hart fiberglass 195 cm w/bindings, very good cond. \$40. Walt M., Ext. 3256.

TWIN BED - Excel cond. \$25. Meyers, 286-8379.

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

CLEARWATER BEACH - 100x140, bldg plot, E Hampton, priv beach, marina rights. Steve Marino, Ext. 3469, 281-4371.

LAKE PANAMOKA - Corner ranch, 2 yrs young, deeded lake rights, att garage, 2 bedrm, w/w carpeting, appl, mid 30's. 475-7500, days; 929-6753, after 6

BELLPORT AREA - 4 bedrm colonial, split, 1½ baths, s/s, att garage, alum siding, appl, widow relocating. \$25,000. 286-1050 after 6.

BELLPORT VILLAGE - 3 bedrm ranch, ½ acre, landscaped w/fruit trees. Asking \$46,950. Ext. 2959. E SETAUKET - Colonial, 4 bedrms, 2½ baths, base-

ment, patio, must see. 751-8918 after 5:30.

MIDDLE ISLAND - Townhouse, 4 bedrm, 2 baths, storage area, all appl, central ac, w/w carpet, club-

house, pool, tennis, extras, 1 yr old. Priced to sell. 924-5457. BELLPORT - Raised ranch, 5 bedrm, 2 bath, dr, deck,

garage, ½ acre. \$43,000. 286-8195.

For Rent

MASTIC - 2 bedrm furn, all util. \$265. 281-6116.

SHOREHAM - Sublet, 3 weeks in March, comfortable furn apt w/fp. Al, Ext. 3535, 744-1942.

VERMONT CAPE - 3 bedrm, 2 bath, fully equipped, fp, skiing, week, mid-week, weekends. 732-6499

MT SINAI - Person to share expenses, 2 bedrm waterfront w/fp, approx \$200/mo/person. Ext. 2008, 928-

WADING RIVER - Small 2 bedrm furn house, walk to beach, sublet now - Aug, lease after if desired. \$190/mo+util. 929-4014 after 6.

BELLPORT - Raised ranch, 5 bedrm, w/bath, dr, eat-in-kitchen, ½ acre. \$350/mo. 286-8195.

Wanted

HOME(S) - For 2 adult cats, neutered, all shots, 1 male, 1 female. Bob, Ext. 3312.

COMMUNICATIONS RECEIVER - For ham, working or not. Sanchez, Ext. 4489.

GOOD HOME - For 19-month old pure bred male Siberian Husky, affectionate, housebroken, all shots. AKC. Ext. 4050, 929-6961.

HOME - For guinea pig, free. 929-4318.

2461.

SNOW TIRES - 600-13, Ext. 3118, day or eve.

SOUP LABELS - Campbell, to purchase overhead

BOY SCOUT UNIFORM - Size 14, used. Ruth, 744-

reader for school children. P. McHugh, Ext. 3297. \$185 COUPON - For A&P instant money game. Will split prize. 744-3764.

BABYSITTER - Mature person to care for infant in your home in 3 Village area, occasional days & evenings. Carlene, 751-2139.

BABY CARRIAGE - Good cond, prefer 3-way convert, import ok. Daly, 363-2497.

12 V AUTO RADIO - Am/fm, transistorized, working

or not. Fred Kuehl, Ext. 4823.

LOVING HOME - For white male cat about 9 months old, sweet disposition, good w/children. 751-0023

WOODEN PLAYPEN - 878-4878.

Car Pools

BELLPORT/E PATCHOGUE - Driver wants to join new or existing car pool. Bill, 3859/3464.

MASTIC - New or existing, some flexibility would be desirable. Jeff, Ext. 3785.

Lost & Found

Services

glove. Ext. 3655. LOST - Brown leather, women's glove, probably in Medical. Ext. 3655.

FOUND - Grey suede, fleece lined, right hand men's

HEMS - Small alterations, Sharon, Ext. 3312, 878-2591 after 6. PAINTING - Need your house painted, interior, free

estimate. 878-2357.

TAXES - Prepared by tax consultant, reasonable.
John, 732-2472, your home or mine.

CONSUMER REPORTS - At group rate, \$8/yr, openings. Alyce Daly, Ext. 2902.

TUTORING - In my home, expert certified teacher in

math, French, German. \$10/hr. 941-4328.

ELECTROLUX OWNERS - Have your cleaner tested for suction & power, free of charge, also sales & service. 475-8456, Ext. 3336.

AUTO REPAIRS - & tuneups, light trucks & motorcycles, reasonable, quality work. Glenn, 281-7873. JEWELRY REPAIRS - Expert craftsman, fair prices, satisfaction guaranteed, will be picked up & de-

livered. 924-3236.
HOUSE CLEANING - Expert by extremely reliable woman. Refs available. Penny, 289-0963.

CERAMIC TILE WORK - Installing, grouting, cleaning, also terrazzo, cement & exposed stone, good work at reasonable prices. John, Ext. 3292.

AUTO REFINISHING- - Auto repairs, free estimates. Ext. 3143, 698-7647 after 5:30.

BABYSITTING - In my home, 727-5912.