BROOKHAVEN BULLETIN
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BROOKHAVEN NATIONAL LABORATORY

Danish House Opens Door To Cultural and Technological Exchange

Peter Horton

The Danish House is a 1,530-square-foot, L-shaped modular home built by Hosby Huse A/S. It is a standard model of typical Danish design and costs $70,000 erected, excluding land and foundation. A team of Hosby builders built the house in three days and finished it in about three weeks. Eighty percent of the house was fabricated in the factory. Prefabrication permits the use of better materials and construction techniques, and assures greater energy efficiency.

On Tuesday, May 21, under a yellow and white striped tent, officials from Denmark, the U.S. Department of Energy (DOE) and the Laboratory dedicated the Danish House, the first in a proposed international housing village at BNL. Rain threatened the ceremony, but just as Donna Fitzpatrick, DOE Assistant Secretary for Conservation and Renewable Energy, remarked that the Danes have demonstrated that a house can be beautiful, as well as energy conserving and affordable, the sun came out.

During the ceremony, an agreement was announced for the Danish Building Research Institute and Danish Technical University to participate with BNL in monitoring the Danish House and share data on energy conservation, interior climate technology, and prefabrication and modular building techniques.

BNL Director Nicholas Samios welcomed the 150 or so guests from Denmark and the U.S., as well as the Danish and American press covering the event. Besides those mentioned on this page, guests included Hosby Huse A/S President Helge Frandsen, Poul Svane of the Danish Building Export Council, DOE Project Manager for Buildings & Community Systems John Millhone and Hilary Rausch, Manager, DOE Chicago Operations.

The Honorable Minister of Housing of Denmark, Niels Bollmann, discussed energy efficient housing and its positive impact on family life. "Through the Danish House, we are trying to show how Denmark has placed a very high priority on research and production of new technologies to save fuel," stated Bollmann. "As a result of the three years' program of monitoring the Danish House, we hope we can further develop the living conditions of a typical one family house at a reasonable cost."

Henning Christensen, the lawyer with the Danish Ministry of Housing who signed the letter of intent to build the Danish House at BNL, stated, "We Danes are very proud of the Danish House. We think that this house is evidence of very good cooperation between the biggest, greatest country in the world and perhaps the smallest, greatest country in the world."

Mort Rosen

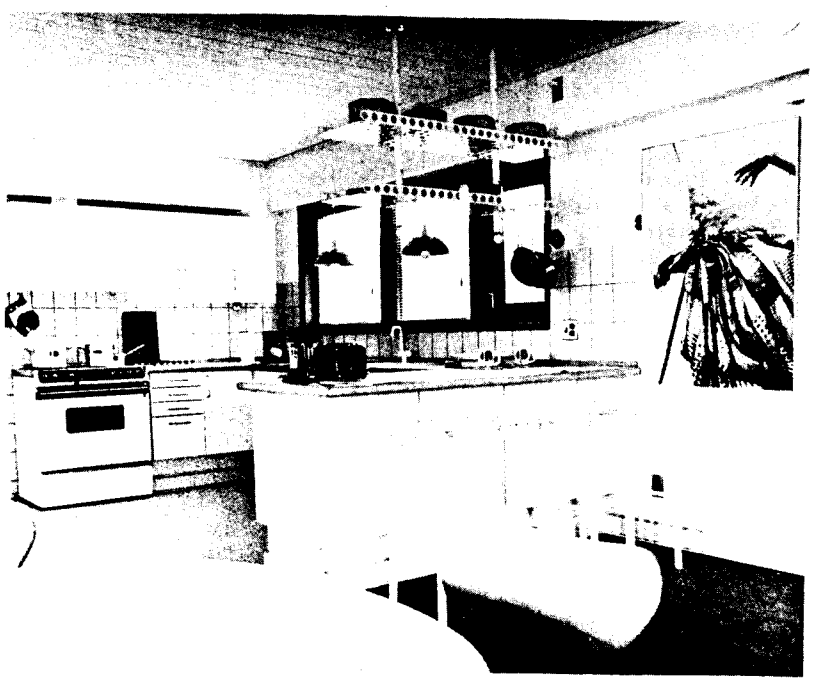
U.S. DOE Assistant Secretary for Conservation & Renewable Energy Donna Fitzpatrick received the key to the Danish House from the Danish Minister of Housing Neils Bollmann. "The U.S. and Denmark share a common concern about energy," Fitzpatrick stated. "To reduce our demand for conventional energy, we are establishing this international housing village for the study of housing techniques." Added Bollmann, "The Danish House shows what a Danish family thinks is the best setting for family life. We hope that Danish style and form of living will be accepted by Americans, and that we can inspire each other to reach our common goal: the best housing for people."

Mort Rosen

Laboratory Director Nicholas Samios (right) credited Assistant Director Jerome Hudis (center) with the idea for demonstration houses in an international village. In a memo dated September 24, 1980, Hudis wrote, "After viewing the Brookhaven House, I have the following suggestion: Why doesn't Brookhaven invite technologically sophisticated foreign countries each to build on our site an energy efficient house that incorporates each country's best idea, materials and hardware?" With Samios and Hudis is the New York Consul General of Denmark, Villads Villadsen.

Mort Rosen

Chairman of the Department of Applied Science Bernard Manowitz (not pictured) and DAS Associate Chairman Tom O'Hare (right) followed up on Hudis's idea for an international housing village, and four years later the first house, the Danish House, was built. Standing with O'Hare is Industrial Attache to the Danish Consulate Ebbe Johansen (center) and Carsten Schmidt, Commercial Counselor.



Roger Stoutenburgh

The kitchen, done in white formica with maple accents, opens to the dining area and has a small scullery towards the back.

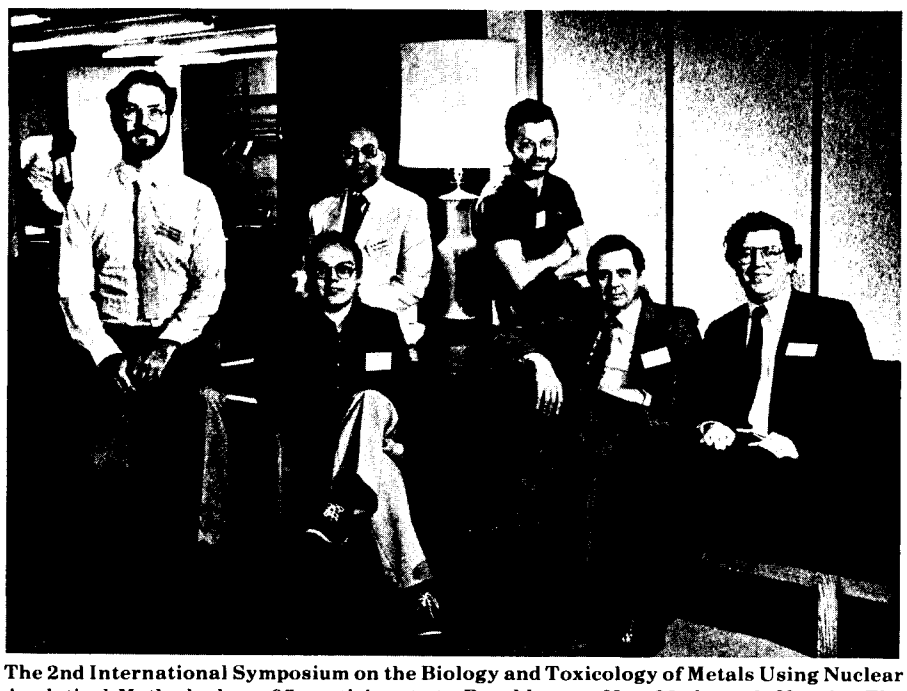
Roger Stoutenburgh

Interior Designer Birgit Svane furnished the Danish House with the latest in Danish postmodern design, while incorporating classic pieces of Danish furniture designed in the 1950's and 60's. Coordinated textiles in complementary blues and yellows are used for the upholstery and curtains, and the bright colors contrast with the white walls and chrome furniture. The blue carpeting throughout the house ties the open layout and the decor together. The living room (above) is partitioned from the dining room and is accessible to the winter garden.

The Danish House will be open for public tours on Saturday, June 1, and Sunday, June 2, between 10 a.m. and 3 p.m.

—Mort Rosen

Alvin W. Trivelpiece, Director of Energy Research at DOE has been meeting regularly, since May of 1982, with DOE's multiprogram laboratory directors and several Energy Research program-dedicated facility directors. The meetings have become an effective forum for exchange of information and discussion of issues, ranging from policy to administrative problems, involving Laboratory Directors and DOE Secretarial Officers. Discussion topics have ranged from publication policy to safeguards and security requirements; patent policy to general purpose facility needs. The most recent meeting was held at BNL on May 20 and the theme was interaction with the private sector. Those present were (from left) Col. Edward V. Badolato, Office of the Secretary; Carl Haussmann, Director at Large, Lawrence Livermore National Laboratory; B.G. Cook, Deputy Assistant Secretary for Security Affairs; David Shirley, Director, Lawrence Berkeley Laboratory; BNL Director Nicholas Samios; Herman Postma, Director, Oak Ridge National Laboratory; Danny Boggs, Deputy Secretary; Donna Fitzpatrick, Assistant Secretary for Conservation and Renewable Energy; William Wiley, Director, Pacific Northwest Laboratory; Alvin Trivelpiece; Harold Paxton, Vice President, U.S. Steel Corporation; A. G. Joseph, Director, Office of Field Operations Management, Office of Energy Research; Hilary Rauch, Manager, Chicago Operations Office; Alan Schriesheim, Director, Argonne National Laboratory; Robert Thorn, Deputy Director, Los Alamos National Laboratory; Harold Furth, Director, Princeton Plasma Physics Laboratory; and Robert Hansen, Director, Ames Laboratory.



—Roger Stoutenburgh

The 2nd International Symposium on the Biology and Toxicology of Metals Using Nuclear Analytical Methods drew 95 participants to Brookhaven, May 20 through May 22. The symposium focussed on current research on trace elements that are biologically important either because they are essential to good health, or because they are toxic. Recent advances in analytical techniques now allow researchers to identify and quantify trace elements in the body with an accuracy that was not possible in the past. Symposium participants represented both the physical and life sciences and the emphasis was on multidisciplinary approaches to trace element research. Over 40 researchers from universities, hospitals and laboratories in the U. S. and abroad presented papers describing their recent work. Members of the Program Committee were (foreground) Albert Hanson, BNL; Jyrki Räisänen, University of Helsinki; B. Gonsior, Ruhr-Universität Bochum; and Reinier Beeuwkes, Smith, Kline & French Laboratories; (back-center) Ananda Prasad, Wayne State University; and Klas Malmqvist, Lund Institute of Science and Technology.

Engineering Seminar
Radio Telescope

Construction of the 140-foot Radio Telescope at the National Radio Astronomy Observatory in Green Bank, West Virginia, will be detailed in a film shown on Wednesday, May 29, at 3 p.m. in Room B, Berkner Hall. Max Small, who was project manager for the telescope's construction, will be on hand to narrate the film and comment on this engineering feat.

Small retired from Brookhaven in 1978. During his 31-year career at the Lab, he worked on a variety of projects, including construction of the Cosmotron and the AGS. He left the Lab in 1961 to oversee construction of the Radio Telescope and, on his return in 1965, became involved with special projects, principally a novel sewage treatment that returned fresh water to the ground water supply.

This event marks the third Engineering Seminar sponsored by the Physics Department. Everyone is welcome to attend.

Farmers' Market Opens Next Week

A sure sign of summer is the return of the Farmers' Market to the site. For the fourth year, local farmers will bring their produce to the parking lot on Brookhaven Avenue, opposite the cafeteria, every Wednesday. They will start on May 29 and end on October 30. The hours are from 11:30 a.m. to 1:30 p.m. It is expected that two farmers will start off the season and, as the harvest increases, up to six will truck in the summer bounty.

CREF Values

May	60.81	June	61.71
July	60.35	August	66.91
September	66.75	October	66.70
November	65.69	December	67.04
January	72.01	February	72.38
March	72.35		

April $71.97

BNL Lecture
Cycles of Photosynthesis

Geoffrey Hind, senior biochemist in the Biology Department, travels abroad to train students from developing countries in techniques for the measurement of bioproductivity. Thus, he links the basic research done in his lab to the problems of food and fuel in other lands.

Hind's career, to date, has been dedicated to the investigation of photosynthesis, a process wherein green plants use the energy of intercepted sunlight to manufacture sugars from carbon dioxide and water. And, as he says, "this input of energy winds the mainspring of life and provides us with food, fuel and fiber."

In the next Brookhaven Lecture, "Photosynthetic Cycles and Plant Productivity," he will describe this remarkable process with reference to four distinct cyclic mechanisms. The lecture will take place at 4:30 p.m. on Wednesday, May 29, in Berkner Hall.

Photosynthesis takes place in specialized cellular subunits, the chloroplasts. Techniques are now available that permit isolation of intact chloroplasts and, thus, study of the complete conversion of CO_2 and water into sugar products outside of the plant. Associated with this photosynthetic conversion, and essential to it, are four distinct cyclic processes, two of them molecular and two electronic. As Hind will explain, cyclic processes have distinctive kinetic features and also impose special constraints on non-cyclic pathways with which they interact. The lecture will emphasize physiological aspects of the interplay between cyclic and non-cyclic pathways, and show how this can determine plant productivity. His own work concerning the identification of cycle components and study of cycle regulation will be outlined in the context of these broader considerations.

Geoffrey Hind obtained an M.A. in biochemistry from Downing College, Cambridge, England and his Ph.D. in 1961 from Queen Mary College, University of London. He joined the staff of the Biology Department in 1964 after three years postdoctoral work at Johns Hopkins University. In addition to his research work, Hind serves as deputy chairman of his department.

—Roger Stoutenburgh

Geoffrey Hind

Since 1980 he has participated in the United Nations Environmental Program, which was set up to provide field training and lab techniques to help students understand the role of photosynthesis in the productivity of agricultural, forestry or aquatic systems. The U. N. teams adapt this training to meet the needs of the area and, for the most part, rely on local facilities. So far, Hind has spent three weeks each in Mexico, Yugoslavia, Kenya and Thailand and is scheduled to conduct another training course in China next month.

All those interested in getting together after the lecture are invited to go with the lecturer to a restaurant off site. If you want to be part of this group, call George Rabinowitz, Ext. 7637.

Speakers Bureau

Richard Lambrecht (Chem), N. Y. Society of Professional Inventors, Developments for Biomedical Purposes, March 27.

Rudy Alforque (Phys), ASME Student Section at SUNY Stony Brook, Careers in Mechanical Engineering at BNL, April 2.

E. Gail Williams (DO), Soroptimist International of Suffolk County, BNL Education Programs, April 15.

James Davenport (Phys), Gelinas Junior High School Science Fair, Science Fair Judge, April 23.

Donald Gardner (Accel), Career Day at Bellport Middle School, Careers in Engineering, April 26.

R.C. Anderson (Ret), Huntington Masonic Lodge, Nuclear Power, April 29.

Y.Y. Chu (Chem), Chemistry Club of Queens College, Frontiers of Modern Alchemy, April 29.

Martha Heine (Med), Career Day at Sachem High School, Careers for Women in Science, April 30.

Norman Holden (DNE), J. S. Dowd Junior High School Science Club, Metrology, Controversy and Discovery in Physics, May 7.

Leon Green (DNE), Newfield High School Career Day, Laboratory Engineers and Scientists, May 16.

Michael Creutz (Phys); Raymond Davis (Ret); Martin Plotkin (Ret), Suffolk County Science Explorations, Careers at BNL in Physics, Chemistry, Science and Engineering, May 20.

Michael Creutz (Phys), Nassau County Science Explorations, Elementary Particles, May 21.

NASA photo

Coming Up: Astronaut Joseph P. Allen will talk about "Satellite Retrieval," in a Special Lecture, Thursday, June 6, at 8 p.m. in Berkner Hall.

Equipment Demo

The Gilford Company will demonstrate their spectrofluorometer and UV-VIS spectrophotometer in the Large Conference Room of the Medical Department on Thursday, May 30, from 10:30 a.m. to 4 p.m.

DID YOU KNOW: that matter is being created out of energy in the National Synchrotron Light Source (NSLS)? At the NSLS, electrical energy is used to accelerate electrons to nearly the speed of light. In the process, some of the expended energy is converted to electron mass, so the electrons weigh more than 1000 times as much as usual — almost as much as protons.

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Arrivals & Departures

Arrivals

Vicki E. Feldman ..... P&GA
John M. Killelea ..... DNE
William E. Kilmartin ..... S&ES
Donald S. Makowiecki ..... Physics
DeMing Shu ..... NSLS

Departures

This list includes all employees who have terminated from the Laboratory, including retirees:

Robert A. Feindt ..... Medical
Thomas H. Snowden ..... Pl. Eng.

WIS Meeting

Brookhaven Women in Science will hold a lunch meeting on Wednesday, June 5, at noon in Room A, Berkner Hall. The guest speaker is Therese Keelan, Consultant Nurse and Epidemiologist for the Suffolk County Health Department. The title of her talk is "Ticked Off on Long Island —Epidemiology of Suffolk County." A short business meeting will precede the program. The meeting is open to all interested individuals.

Diners Note

The Center Club will be closed Sunday, May 26, the day preceding Memorial Day, and will reopen on Monday, evening May 27. The cafeteria will be open from 9 a.m. until 2 p.m. on Saturday, Sunday and Monday, May 25, 26 and 27. The vended food service in Bldg. 912 will be in continuous operation.

—Roger Stoutenburgh

On a Saturday in May, a hundred and fifty Harleys, riding two abreast, came roaring past the main gate onto the Laboratory site. They were members of the International Harley-Davidson Dresser Touring Association of the Northeast and had come for a tour of Brookhaven. A dresser is a fancy motorcycle heavily ornamented with trim and accessories, and the undisputed star dresser of the day was the motorcycle above, sporting 45,000 rhinestones. The tour was arranged for the group by the Public Relations Tour Program. The regular Lab tour program officially begins on Sunday, July 14 and continues through August 25, on Sundays only. If you visit the Lab on a tour Sunday, you won't likely see such motorcycles as the one above, but you will see the Lab's popular slide show "Quest," you'll get a bus tour of the site, and you'll visit the Exhibit Center.

—BERA News—

Tennis

Court Reservations

Two tennis court reservation systems will go into effect on Monday, June 10. The rules for court use are posted at courtside and in the BERA Sales Office, Berkner Hall.

Under the advance reservation system (A), three of the courts may be reserved for weekday play the day before play (thus Friday for Monday play). On-court scheduling (system B) offers the three remaining courts on a first come-first served basis to players who sign the blackboard at courtside at the time of play.

Reservation sheets for system A are held at the BERA Sales Office from noon to 1 p.m. on the day preceding play. Reservation sheets for the day's play will be posted at courtside in the morning, where players may reserve any courts that remain open. Only group 1 from the priority players list below may use system A. Only groups 1 and 2 may use system B.

1. Laboratory employees, including Visiting and Guest appointees.
2. Laboratory employees playing with family members or personal guests.
3. Immediate family members of Laboratory employees.
4. Personal guests of Laboratory employees.

Tennis Ladder

Men and women are invited to compete in the Tennis Ladder, which will begin on Monday, June 10. Sign-up sheets and ladder rules are now posted at the BERA Sales Office. Player rankings will be posted by Friday, June 7 and will be according to the order of sign-up. Players will be allowed one free challenge until June 28. Thereafter, the posted rules will apply. The ladder will be run this summer by tennis committee member George Oldham. Other members of the committee are Eena-mai Franz (chairman), Naresh Bhagat, John Elmore, Marilyn McKeown, Steve Shapiro, Niels Schumburg, Paul Valli and Gail Williams.

Annual Tournament

The tournament will get under way on Saturday, July 20 and players can sign up at the BERA Sales Office beginning June 21. Further details will be given in a later issue of the Bulletin.

Note: It is against Laboratory policy for anyone to use Lab facilities for profit. This includes use of the tennis courts for conducting paid, private tennis lessons.

Afro-American Club

An Installation Dinner Dance, sponsored by the Afro-American Culture Club, will be held Saturday, June 1, from 7 p.m. until 2 a.m. at the Brookhaven Center. The night will feature entertainment by the MJB Jazz Band, with Jean Sells vocalizing, and continuous music by Mr.T the D.J.

There will be an open bar and great food. The attire will be after-six and the mood will be festive.

The tickets are $22 per person, in advance only. No tickets will be sold at the door.

Microcomputer Club

On Thursday, May 30, a demonstration by MTI Systems of the AT&T Personal Computer line will be given, along with a display of several low cost printers, one of which has color output. One AT&T model (6300) is IBM PC compatible and the 7300 is Unix based. Demonstration of a networking system (Intel OpenNet) and other add-in expansion boards (by Emulex) will also be given. The meeting is from noon-1 p.m. in Building 463 (Biology). Contact Jim Hainfeld, Ext. 3372, for more information.

Cricket Club

The Cricket Club will hold practice sessions the next two Friday evenings at 5:15 p.m., June 7 and 14, at the ball field. The first match of the season will be at home against Staten Island Cricket Club on Saturday, June 15, at 1 p.m.

Anyone interested in playing or learning is invited to come along. For further information, call Dave Cox, Ext. 3818, or John Millener, Ext. 3853.

Bowling

Purple League

Four of a Kind are the winners in this league. Congrats to Sharon Moore, Bob Jones, Mary Grace Meier, Ed Meier.

White League

The Gropers are the winners after a roll-off with the Purr Haps. Congrats to Sandy Asselta, Ken Asselta, Sharon Smith, Gene Hassell.

Red/Green League

High games were bowled by K. Riker 246/211/636 scratch, E. Sperry 240, T. Prach 216, T. Holmquist 212, R. Larsen 209, A. Natoli 201, C. Tomesch 200.

Pink League

B. Jones bowled a 199-98 pins over average, E. Kristiansen 194, K. Kissel 185, M. Reynolds 181.

Gym Summer Schedule Effective May 28

Workdays
11:00 a.m. - 2:00 p.m.
General Activities (employees only)
5:00 p.m. - 9:30 p.m
General Activities
(employees/families/*guests)
Saturdays & Sundays
Closed
Lab Holidays
Closed

***Guest Ruling:** One guest per employee is permitted at any of the recreation facilities. Advance arrangements for additional guests (but not more than five at any one time) may be made at the Recreation Office.

Cafeteria Menu

Week Ending May 31

Monday, May 27
Snack bar service — 9:00 a.m.-2:00 p.m.

Tuesday, May 28

Lentil soup	(cup)	.65
	(bowl)	.85
Kielbasy & sauerkraut		2.10
Braised beef liver & onions w/1 veg.		2.10
Hot Deli: Pastrami	(bread)	2.10
	(roll)	2.30

Wednesday, May 29

Chicken rice soup	(cup)	.65
	(bowl)	.85
Swiss steak jardiniere & onions w/1 veg.		2.30
Ham & noodle au gratin & 1 veg.		2.15
Hot Deli: BBQ chicken breast	(bread)	2.15
	(roll)	2.35

Thursday, May 30

Beef noodle soup	(cup)	.65
	(bowl)	.85
Corned beef cabbage & parsley potatoes		2.35
Spanish macaroni & 1 veg.		2.15
Hot Deli: Top round of beef	(bread)	2.10
	(roll)	2.30
Special: Top your own baked potato served with chili & cheese sauce, plus a choice of two additional toppings		1.25

Friday, May 31

Seafood chowder	(cup)	.65
	(bowl)	.85
Seafood platter		2.35
Veal patty Parmesan & 1 veg.		2.25
or w/spaghetti		2.45
Hot Deli: Chicken patty club	(bread)	2.35
	(roll)	2.55

Notice

An orientation meeting scheduled for film badge wearers on May 29, has been cancelled. Classes will resume on June 5 and will be held from 10:30 a.m. to noon.

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. In keeping with the Affirmative Action plan, selection decisions are made without regard to age, race, color, religion, national origin, sex, handicap or veteran status.

Each week, the Personnel Office lists new personnel placement requisitions. The purpose of these listings is, first, to provide open placement information on all non-scientific 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.

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 Employment Manager, Ext. 2882.

LABORATORY RECRUITMENT - Opportunities for Laboratory employees.

2252. TOOL AND INSTRUMENT MAKER - (4 openings) Central Shops Division.

2253. LAMP CLEANER - (Temporary 5/20/85 to 9/29/85). Plant Engineering Division.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside applicants.

2254. PROJECT ENGINEER - Requires BS degree in architecture or equivalent and extensive experience performing a broad range of architectural activities, including preparation of preliminary sketches, working drawings, specifications and estimates for commercial and industrial-type buildings. Must be knowledgeable in all types of construction. CAD experience helpful. Plant Engineering Division.

2255. LABORATORY TECHNICIAN - (Half time) Requires an AAS degree in microbiology or biochemistry or equivalent work experience. Duties include high pressure liquid chromatography and biochemical isolations. Knowledge of BASIC computer programming is necessary. Biology Department.

2256. TECHNICAL POSITION - Requires an AAS degree in electronics or equivalent with 10 years experience in prototype construction, testing and troubleshooting various types of electronic devices. This includes high current regulated, poly-phase and pulse-type power supplies. Must have thorough knowledge of both analog and digital circuitry. Alternating Gradient Synchrotron Department. (Reposting of Job #2236.)

Autos & Auto Supplies

81 DATSUN 200SX - 78k orig. mi., good mech. cond.; 71 Volkswagen Super Beetle, good mech. cond., few rust spots. Ext. 2253.

70 DODGE - slant 6, new radial tires, trans., starter, alternater, battery, runs well, 125k mi., $650. Shiue, Ext. 4391, 4396 or 751-8224.

76 MUSTANG - a/c, p/b, good cond. Don, Ext. 5329 or 878-2215 eves.

70 MONTE CARLO - runs well, front end rebuilt in March, just tuned, $900. Jacques, Ext. 4213 or 3009.

76 FORD GRANADA - p/s, p/b, a/c, excel. cond., $1,200. 821-9265 after 6 p.m. weekdays.

Autos & Auto Supplies (Continued)

76 MUSTANG - 4 cyl., a/t, 80k mi., good transp., $900. Dave, Ext. 4148.

SISSY BAR - for motorcycle, $10; Corvair shop manual, new, $10. Frank, Ext. 2022 or 399-4480.

67 FLH STOCK - good shape, $3,500. 654-2076.

TRAILER - about 5'x4'x 18", best offer. Liz, Ext. 2318.

78 TRAVEL TRAILER - Nomad, 20' fully self contained, sleeps 6, used very little, excel. cond., $4,200. Ext. 4459 or 751-2095.

73 OLDSMOBILE - just inspected, asking $700. Ext. 2058.

TRAVEL TRAILER - 17-½', new tires and brakes, excel cond., $2,800. Artie, Ext. 2674 or 325-0743.

84 NOMAD CAMPER TRAILER - 24', never used on road, bunk beds in rear, brand new cond., $8,800. 928-8547.

74 PINTO - new a/t, runs, $200; 75 Yamaha RD 250, excel. cond., 10k mi., new tire, $600. 929-4850 after 5 p.m.

62 TAROT MOPED - never registered, no papers, very low mi., runs well but needs new carburetor, $25. Harry Sauter, Ext. 3783.

TIRES - (2) E78x14", excel. cond., $15 ea., $25 pair; (4) 155Rx13" radials, excel. cond., $15 ea., $50 for (4). Harry Sauter, Ext. 3783.

76 KAWASAKI 400 - $650; 76 Kawasaki 100KD, $225; father/son combo, $800 takes both. 744-3284 eves.

RADIAL TIRES - (4), w/w, good shape, 15", $100 takes all. Ext. 2964.

75 FORD GRANADA - some body rot, 100k mi., runs great, $500. Ext. 4207 or 286-0466.

67 TRAILER - Coachman, 13', good cond., range, sink, toilet, refrig., asking $1,000. 878-2482.

77 CADILLAC SEDAN - DeVille, excel. interior/exterior, (2) extra wheels, tires, $3,500 firm. 924-3320.

81 OLDS 88 - diesel, a/c, p/s, am/fm cass., body excel. Jim, Ext. 3372.

76 COSWORTH VEGA - 4 spd. trans, fuel injection, twin overhead cams, asking $5,000. John, 924-4300 or Ext. 550, 9-4:30 p.m.

77 OSSA 350 - 300 mi., helmet, boots, very good cond., $500. Tony, Ext. 4605.

70 AMC AMBASSADOR - 4 dr., 120k mi., excel. cond., V8, orig. owner, very well kept & garaged, a/t, a/c, p/s, p/b, must see, $600. Adam, Ext. 4561.

81 TRAILER - Viking Pop Up, sink, stove, heater, ice box, awning, hardly used, excel. cond., $2,300. Skora, Ext. 5046 or 744-9677.

84 GRAND PRIX - V6, only 7k mi., fully loaded, sacrifice, $10,100. Carol, Ext. 2895 or 747-1731 eves.

81 CHEVY CHEVETTE - a/t, 4 dr., hatchback, silver, red interior, very clean. 878-6528.

RADIAL TIRES - G-78-15, good cond., w/wheels, $50 takes all. Ext. 4482 or 277-1129.

73 DODGE CAMPER - custom van, self contained, insulated, raised roof, stove, sink, toilet, $2,500. Al, Ext. 4313.

75 OLDS - Vista Cruiser wagon, one owner, good running, recent inspection, $1,200. 289-0012.

78 DATSUN 280Z - blue, new tires, excel. running cond., $5,000 firm. Dave, Ext. 7922 or 298-9508.

78 AUDI FOX - excel. cond., 4 spd., new tires & batt., am/fm cassette, sunroof, $2,200. 589-3624.

78 KZ400 - very good cond., low mi., dealer maint., $750. Ext. 2621 or 281-0360 after 6 p.m.

83 NISSON PICK-UP - 6k mi., king cab, top cond. with cover. Ed, Ext. 2362 or 3925.

80 CHEVROLET CHEVETTE - like new cond., 4 spd., 4 cyl., green, 2 dr., runs well, $1,795. 821-9296.

78 OLDS CUTLASS SUPREME - 8 cyl., a/t, a/c, p/s, p/b, stereo, sunroof, good cond., $3,000. Ext. 3199 or 654-1176.

UNIROYAL TIRES - w/w steel radials, F-78-15, orig. 21k mi., like new, $20/ea. Ext. 2497 or 286-2203 after 6 p.m.

76 GMC - K-1500, 1/2 ton, full time 4x4, with cap, a/t, short bed, $2,500. 589-0308.

64 CHEVY IMPALA - 61k mi., good cond., $1,200. Pat, Ext. 3376.

83 HARLEY XLX - 1000, 1,100 mi., $3,900. Tony, Ext. 4605.

82 CHEVROLET CITATION - 4 cyl., 4 dr., cold air, p/s, p/b, 68k h.w.m., like new cond., $3,300. 821-9296.

81 HONDA CM400E - great cond., low mi., $900. Tracy, Ext. 4421 or 475-8603 eves.

74 CHRYSLER NEWPORT - high mi., 4 dr., asking $300 or best offer. 727-5912.

TIRES - (2), w/w, 9.15-15", mounted on VW wheels, very good. $45 pair. Ext. 3075.

71 KARMEN GHIA - runs well, $400. 286-0570 after 4 p.m.

68 CHRYSLER NEW YORKER - 440, $175. 363-7032.

70 DODGE VAN - windows all around, 318 V8, a/t, new trans., trailer hitch, asking $750. Ray, Ext. 3536 or 289-7615.

75 MGB - convertible, am/fm, new top, 84k mi., good cond., $2,600. John, Ext. 7671.

78 CHEVY VAN - C30, 1 ton, great running, low mi., parkway legal, asking $3,650. 563-2847.

80 FORD MUSTANG - 27k, excel. cond., sunroof, 4 spd., 4 cyl., $3,300. Ext. 3888.

75 MUSTANG - am/fm stereo, 302 V8, a/t, excel. cond., $1,300. Jon, 744-7242.

74 VOLVO - station wagon, a/t, p/s, p/b, good cond., $2,000. Ext. 7727 or 929-4631.

79 YAMAHA 650 - Special 2, 10,400 mi., very good., $850. H. Lewis, Ext. 3082, 12 p.m.

75 FIAT 128 - 4 spd., am/fm, good engine, (2) new tires, needs work, best offer. Ext. 3714 or 3208 after 7 p.m.

83 DATSUN 200SX - 5 spd., am/fm stereo cassette, excel. cond., $7,495. Ext. 7716 or 728-0334 eves.

TIRES - (4), Bridgestone, w/white rims for Datsun pickup, $100; Datsun blk., lite bar, w/2 cibie beams, $100, both for $175. 473-2014.

84 DODGE CONQUEST - Mitsubishi Starion, turbo, blue jewel, 5 spd., p/s, od, 4 w/p.d.b., more, $11,000. Steve, Ext. 4636.

76 FORD GRANADA - excel. cond., p/s, p/b, a/c, $1,200. 821-9265 after 6, weekdays.

73 PONTIAC WAGON - 9 pass., 400 eng., body rusty, motor & drive train in good cond., asking $350. Ext. 7200 or 473-9379 after 5:30 p.m.

78 VW DIESEL RABBIT - excel. cond., am/fm stereo cassette, clean inside & out. 331-5034 after 5 p.m.

75 IMPALA WAGON - high mi., reliable transp., $700; 1975 Chevy engine, 8 cyl., 75k mi., excel. Ron, Ext. 3238.

68 CHEVY IMPALA - 307, 4 dr., 71k orig. mi., new shocks & muffler. Ext. 2377.

CAMPER - pop-up, sleeps 8, $500 or best offer. Ext. 2119.

84 PLYMOUTH TURISMO - a/t, 2.2 liter, low mi., like new, asking $5,800. 563-2847.

81 DODGE OMNI - 024, a/t, p/s, am/fm cassette, two-tone ext., metallic blue/silver, 64.4k mi., immac., $4,250. Barbara, Ext. 2098.

VAN SEAT - hi-back, tan naugahyde, with swivel base, excel. cond., $50. 473-1456.

PICKUP BED - 8', fits '68-'72 Chevy, fair cond., $50. John, Ext. 2172 or 744-4386.

85 MERCEDES - 500 SEL, loaded, low mi., metallic brown, all leather int. 941-4999.

Boats & Marine Supplies

26' PACEMAKER - 1968, SF, 318 cu. Chrysler, f/w cooled, sleeps 4, standup head, stove, 110V/12 ref., vhf, df recorder, excel. cond. Don, Ext. 5329 or 878-2215 eves.

16' SAILBOAT - Paceship, fiberglass, cuddy cabin, centerboard, 4 HP Evinrude, good cond., $1,500. Marty, Ext. 4290/4857 or 286-5897 after 5:30 p.m.

28' OWENS - sleeps 6, new canvas & hardtop, stove, sink, stand up head, very good cond., asking $2,600. 281-0360 after 6 p.m.

18' HOBIE CAT - dual Trapeze trailer, complete, ready to sail, excel. cond., $3,500. Bob, Ext. 2897 or 473-3693.

21' GALAXY - 1983, cuddy cabin, 125 HP Volvo, 30 hrs., port-a-potty, am/fm cassette, compass, depth, full swim platform, full canvas, extras, like new, $7,900. Ext. 3589 or 281-3635.

Miscellaneous

KITCHEN SET - livingroom sectional, portable bar, driftwood ensemble, air conditioners, teacart, lamps, reasonable. Jim, 825-3164.

SOFA BED - $125; draperies 3 pair, 84" long, beige Damask, $30; 12" b/w TV, $28. 475-4394.

SAT PROGRAM - preparation for IBM PC or PC Jr., by Harcourt Brace, new, $40. Dave, Ext. 4148.

DRESSER - chest of drawers, natural pine, like new; record cabinet; woman's bicycle, 26". 286-2493.

COAL STOVE - Seriac, 88k BTU, plus 3 ton coal bin, orig. $1,500, asking $500 for both. 821-1195 after 5 p.m.

WATER PUMPS - Burks Shallow Well, 1/2 HP, $50. Ray, Ext. 4479.

ELECTRIC GUITAR - Gibson 335, semi hollow, immac. cond., blonde finish, hard shell case, $800. 499-7924.

POOL TABLE - regulation size, 3/4" slate, good cond. John, 924-4300 Ext. 550, 9-4:30 p.m.

TRUMPET - student model, $75; canopy bed, $75. Jim, Ext. 3372.

ULTIMA EASEL - adjustable, $10; Tele extender screw mount for penta V thread, 2x, $8. Susan, Ext. 4267.

CAPTAIN'S BED - w/new Posterpedic mattress, matching dresser. 878-6528.

BED FRAME - new, $10; B&D drill sharpener, new, $20. Tony, Ext. 7772.

COAL STOVE - brand new, 6-1 kit consisting of chimney, stovepipe & stove, Dura Corp., $150. 878-4328.

WOMAN'S GOLF CLUBS - Spaulding, w/bag, 2 woods, 5 irons, putter, very good, $55. Bob, Ext. 4201.

NYLON BACK PACK - like new, $20. Bob, Ext. 4201.

BATHROOM FAUCETS - (2) modern brass, w/smokey plastic knobs, metal sink rims, $10 takes all. Ext. 2384.

ATARI 2600 - w/tapes, $60; women's bowling bag, $5; 13" B&W TV, works, $10. John, Ext. 5279.

ATARI COMPUTER - XL-600, 65k, Reno tape recorder, like new, priced to sell. 878-2421 after 6 p.m.

SNAPPER RIDER MOWER - 8 HP, elec. start, 32" cut, grasshopper attach., excel. Ext. 3392 or 475-8330.

WURLITZER PIANO - upright, ebony, mint cond., asking $900. Helen, 331-1651 days or 924-6945 eves./weekends.

AM/FM STEREO - 8 track, phono., PRB, $50; extention ladder, heavy duty, alum., 28 ft., $80; GE freezer, $90. Tom, 744-5709.

END TABLES - pine, $20 ea. Karen, Ext. 4262.

RADIAL ARM SAW - Sears, with stand, works well. Ed, Ext. 2363/3925 or 286-8091.

FURNITURE - kitchen dinette, (4) chairs; bookcase, 6x4 ft. Steinar, Ext. 3449.

BIKE - 10 spd., 24", very good cond., $30. Joey, 929-8321.

MICROWAVE OVEN - Sears, large capacity, all digital, probe, shelf, defrost cycle, full power settings, $500 list, $280, no tax, under warranty. Bob, Ext. 4656 or 928-1806.

PLAYPEN - almost new, with two matching blankets, $30. 924-5819.

TABLE - 30" round, $35; (2) chairs, new, $10 ea. 924-5819.

BEDROOM SET - dark pine, 68" hutch dresser, armoire, night stands, double cannonball bed, $800. 475-0002.

NIKON F CAMERA - with 50 mm F1.4 lens, 28 mm F2.8 and 35-90 200 m, $250; 19" b&w TV, with cart, $25. I. Meyer, 929-4326.

AIR CONDITIONER - 6500 BTU, $35; window fan, multi-speed, $15; floor fan, Hassock, $15. Frances, Ext. 2901.

STEREO SYSTEM - portable, Panasonic, excel. cond., $75. Ext. 7144.

INTERIOR PLYWOOD - 5 sheets, new, $30; axe and chopping maul, $10 ea. Pat, Ext. 2907.

ELECTRIC RANGE - Westinghouse, 30", self clean, model KF332M, good cond., $150. 289-8212.

COLOR TV - Zenith, 19", reliable, asking $160. Marian, Ext. 3453 or 282-3008 eves.

BOY'S BICYCLE - 16", w/training wheels, enclosed chain guard, 1 yr. old, $35. Sue, Ext. 2050.

CHAIN LINK FENCE - green vinyl, 60", #9 gauge, total 200', new, excel. cond.; dog house, $50. 924-0960.

GARDEN TRACTOR - 4 spd., with 36" mower, 42" snow plow & chains, $375. Ext. 7727 or 929-4631.

BIG WHEEL - children's toy, good cond, $10. 929-6442.

UPRIGHT PIANO - good for beginner, $100. 928-8465.

LAWN THATCHER - Bluebird, 5 HP, model F20, excel. cond., $425. 289-0413.

YORX STEREO - am/fm multiplex receiver, cassette recorder, turntable, $75. Chuck, Ext. 3064.

DOWN COMFORTERS - (2), 71x82, and 4 down pillows, $200. Ext. 3107.

MORSAN TENT - 10'x12', $100. Ext. 2119.

PLANTS - Lily of the Valley, 50 for $2.50; 3' peach trees, $2 ea., oregano, $2 pot; chives, $1 pot. 878-6637.

BROWNIE OUTFIT - complete, size 8, with extras, incl. sweater & slacks, excel. cond., $25. 751-2867.

FREE STANDING FIREPLACE - with stove, pipe and all access., like new, $250. 473-1456.

PLATFORM ROCKER - vinyl, very good, $5; lawn sweeper, very good, $5. 281-7844.

LOCALLY GROWN TREES - evergreens, maples, dogwood, you dig, reasonable. 924-6582.

WASHER - Sears Kenmore, heavy duty, 4 cycles/water levels, like new, $200. 475-6582.

DINNERWARE - service for 12, total 84 pieces, $20; bicycle training wheels, $10; child's bed rail, $10; curtain rod, $5, new. Inan, Ext. 3370.

GRAND PIANO - 6', Yamaha, walnut, 7 yrs. old, $7,300. Ext. 2865 or 286-5879.

STEAMER TRUNK - large, approx. 48"x24"x24", old timer, fair cond., $20. Sam, Ext. 4749.

MATTRESS - box spring and frame, for double bed, $75. Barbara, Ext. 3437.

PLAY CENTER - Montgomery Ward's, horizontal ladder, swing, rings, rope, trapeze, never used. Patrick, Ext. 3605.

Free

PACHYSANDRA - dig your own. Pat, Ext. 2452.

Yard Sale

PT. JEFF. STA. - 26 Hurtin St., 3 fam. sale, lg. variety of items, June 8-9.

MILLER PLACE - Henearly Dr., 25A & Miller Place-Yaphank Rd., 6/1-6/2, 10 homes. Ann, Ext. 2114.

PATCHOGUE- furniture, household items, ping-pong table, side by side refrig. May 25. Ext. 4070 or 475-7272.

MIDDLE ISLAND - gigantic indoor yard sale, May 25-26, 94-A Wilson Ave., 1000' south of Rt. 25. 732-9851.

Car Pools

SMITHTOWN/KINGS PARK - need new member(s) for existing car pool. Carmen, Ext. 4135.

FORT SALONGA/NORTHPORT - need 4th person for on time, door-to-door pool. Walter, Ext. 4986 or 757-5478.

ROCKY POINT (TIDES) - need one new member existing pool. Ron, Ext. 3238.

HUNTINGTON AREA - need two people for car pool. John, Ext. 5049.

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 Rent

E. PATCHOGUE - sm. studio for single, non smoking, working person, quiet woman preferred, $375 month, includes all. 289-5632.

MILLER PLACE - one bdrm. apt., living room, kitchen, bath, util. included, private entrance. Ext. 2537.

YAPHANK - Whispering Pines, large 3 bdrm. townhouse, 2-1/2 baths, l/r, d/r, kitchen, finished basement, 5 appl., pool, club house, tennis courts, immac., immediate occup., $800 plus util. 924-4037 eves.

SAYVILLE - furnished studio cottage, secluded, gas stove, woodburning stove, avail. for single person, no pets, $400 plus elec. Ext. 2896.

MASTIC - 2 bdrms., furnished, util. incl. 281-6116.

HILTON HEAD ISLAND, SC - condo., 2 bdrms., 2 baths, sleeps 6. Ext. 3147 after 4 p.m. or 585-9149.

POCONOS - brand new, 3 bdrms., 2 baths, f/p, pool, tennis, golf, State parks, hiking, lakes, horseback riding, Delaware River canoeing, antiquing, country restaurants, playhouses, $450/week, $250/weekend. Rick, Ext. 7611.

For Sale

LADY LAKE, FLA. - 2 bdrms., 2 baths, lg. l/r, d/r, w/w carp., TV rm., util. rm., encl. screened patio w/40' raised flower planter, a/c, heat, ceiling fans, auto. attic exhaust fan, 1 acre, beautiful oak shade trees, garden area, lots of extras, $62,500. 399-0652.

RIDGE - townhouse, 3 bdrms., 1-1/2 baths, wood/coal stove, central a/c, w/all appl., $78,900. Ext. 3541 or 924-4070.

ADIRONDACKS - 6 acres, 600 ft. waterfront property, 20 min. from Lake George, fishing, boating, swimming, terms avail.; owner will hold mortgage. Pat, Ext. 3376/4960.

MEDFORD - 3 bdrm. house, 1 bath, l/r, d/r, garage, eik, new carpet, newly painted, vinyl siding, all appl., 1/3 acre plus, $93,000. 289-1783 after 6 p.m.

YAPHANK - condo, spacious 2 bdrms., 1-1/2 baths, all appl., full basement, oil heating, club house, 2 garages, 2 min. to Lab, $88,500. Ext. 5102 or 924-6149.

SETAUKET - contemporized, 3-4 bdrms., 1/2 plus wooded lot, l/r with f/p, d/r, den, eik, 3 full baths, large porch, finished basement, 2 car garage, extras, $184,900. 751-0453.

YAPHANK - condo, 2 bdrms., 1-1/2 baths, mint cond., all new int., pools, tennis, club house, 2 mi. to Lab, $82,990. Henry, Ext. 4547 or 924-6688.

PORT JEFF. STA. - 4 bdrm. high ranch, 1-1/2 baths, den, l/r, d/r, screened-in porch, w/w carpeting, 2 car garage, $109,900. 473-7823 after 4 p.m.

Wanted

BABYSITTER - young teen, summer, trans. to only, 10:00 to 3:30, Mon-Fri., $50/wk. 399-0537 after 8 p.m.

GOLF CLUBS - junior set, right handed, Ext. 5139.

VENDOR - for ham swap meets to sell my extra new electronic components for commission. Walt, Ext. 7154.

FISHERMAN - have boat will travel. John, Ext. 4312.

FLUTE LESSONS - for beginner, near to BNL. Tak, Ext. 2823 or 3187.

MULBERRY LEAVES - for school silkworm project. Chuck, Ext. 4483.

WATER SKIS - and pull line. Dave, Ext. 4561.

WORKING WOMEN - charter membership in new business & professional women's organization forming in Sayville/Bohemia area. Alyce, Ext. 5203.

HOUSE CLEANER - required Saturday mornings, Shoreham area. 821-1195 after 5 p.m.

SWIVEL DESK CHAIR - sturdy, good cond., reasonable. 929-8287.

MOTHER'S HELPER - Bayport area. Ext. 2484 or 363-5344 after 6 p.m.

CAMPBELLS SOUP LABELS - send to F. Chandler, Bldg. T-89, for St. Mary School, E. Islip.

HOUSEMATE - to share large house, 20 min. to Lab, sundeck, washer/dryer, $233/mo. plus 1/3 util. Ext. 5038 or 928-8379.

ROOM TO RENT - near Lab. Ext. 2058.

CEMENT MIXER - 2-1/2 cu. ft., Sears type, motor driven. 286-8886 eves.

Classified Ad Policy

Deadline is 4:30 p.m. Friday for publication Friday of the following week.

1. The Brookhaven Bulletin's classified section may be used only by active and retired Laboratory employees.
2. All items for sale or rent must be the advertiser's property.
3. Ads for material acquired for resale in association with a full or part-time business cannot be accepted.
4. Ads for the sale or trade of firearms will not be accepted.
5. Ads not carried because of space restrictions will be held for publication in the next issue.
6. Ads are run only once and must be resubmitted if they are to be repeated. One ad per person per week.
7. **Property for sale or rent cannot be accepted on this form. Special Real Estate Ad Forms are available at the office of the Brookhaven Bulletin, Building 134.**

☐ For Sale: Autos & Auto Supplies ☐ For Sale: Boats & Marine Supplies ☐ For Sale: Miscellaneous ☐ Car Pools ☐ Lost & Found ☐ Wanted ☐ Free ☐ _____

Please print your ad below in 15 words or less using one word per block. Include name and phone number to call.

Note: The following must be completed for your ad to appear.

NAME (Please Print) .....

Employee's Signature ..... Life No. ..... Ext. .....

Send to: Brookhaven Bulletin, Building 134 (Ext. 2345).

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