

Women in Science, Women in Action

Brookhaven Women In Science (WIS) was born in 1979, as a speakers bureau — the brainchild of Harriet Fadem, librarian for DNE and the Accelerator Department. Fadem felt that BNL's women scientists could provide role models to encourage high school girls to go into science.

When the women Fadem recruited met to discuss the speaking program, they found another benefit. "It was the first time a lot of us had the opportunity to talk to other women scientists," said Vicki McLane, a physicist in DNE. "We found we had so much in common, we decided to form a group."

That group now has almost 90 members. McLane and Eva Bozoki (physicist, NSLS) share WIS' leadership duties as Group Coordinators. Recently incorporated, WIS is now applying for a tax exemption, in order to sponsor a scholarship for a BNL woman returning to school full-time to study science. Such a scholarship is one way in which WIS can promote the aims cited in its charter: to provide a forum for the exchange of professional and technical information, promote the advancement of women in the professions, provide mutual support and raise the consciousness of individuals to the problems of career-oriented women.

To meet those aims, WIS has several programs. Its seminar-lecture series primarily features women scientists. Recent WIS lecturers have included an astrophysicist, an expert on computer security and an occupational safety and health materials scientist. The monthly WIS meetings, which are held alternately at noon and after work, also feature guest lecturers. An insurance specialist and a gerontologist have been among this year's speakers.

The business at those meetings often centers on action. WIS has been instrumental in initiating a daycare center sponsored by Lab management (Kids-R-Us), an on-site credit union and coordination of benefits for BNL husband/wife teams enrolled as individuals in the Lab's medical plan. McLane said the group has been successful because, previously, the Lab did not have an organized group to speak for women. "They've been very responsive to all of WIS' suggestions," she said.

Another activity took place last Saturday, when WIS sponsored its second "Careers for Women in Science." Almost 150 female high school students, their teachers and counselors came to BNL for a day aimed at increasing their awareness of career

options and employment trends in scientific fields.

McLane knows that this is important. "Twenty years ago, when I was a high school student aspiring to a career in science, my guidance counselor asked me why I needed to study physics," she said. "I thought by now things had changed, but it doesn't seem that way. The only women who go into science are the really motivated ones. It's just too easy to be discouraged."

"However, things are changing. Our career days are drawing a lot of people. Over 50% of today's work force is women. I see many more women these days when I go to professional meetings; and some other fields, like chemistry, have increased their female numbers dramatically."

WIS also continues to send speakers to local schools and organizations to discuss careers for women in science, math, engineering and related activities. This program is now called One Mind, inspired by a surprisingly contemporary quote from Plato: "Nothing can be more absurd than the practice which prevails in our country of men and women not following the same pursuits with all their strength and with one mind, for thus the state, instead of being whole is reduced to half."

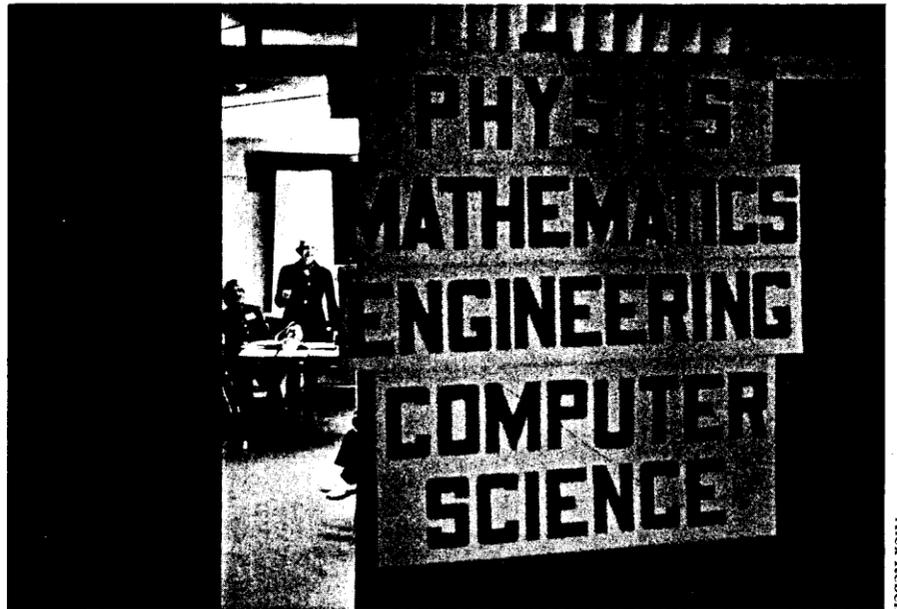
— Anita Cohen

WIS Meeting

Anne Sayre, author of "Rosalind Franklin and DNA," will speak on "Ethics in Scientific Collaboration" at the next dinner meeting of Women in Science on Tuesday, May 10, at 5 p.m., Room A, Berkner Hall.

Sayre graduated from Radcliffe in 1943, Phi Beta Kappa, with honors in political history. She has worked in advertising and done editorial work for various magazines. In addition to four novels, Sayre has written several short stories, which have received honors ranging from an O'Henry Award to inclusion in a collection of "Best American Short Stories." She graduated from New York University Law School in 1978 and currently is writing a book on some aspects of criminal law.

A buffet dinner will be served prior to the lecture. Reservations are requested. Send a check for \$7.50, payable to Brookhaven Women In Science, to Ellen Gannon, Bldg. 801, Ext. 4513, before May 10.



Gertrude Scharff-Goldhaber, Physics (standing) and Eva Emmerich, CBA (seated), were participants in a panel discussion, moderated by Gail Schuman, at the WIS-sponsored "Careers for Women in Science." The day's activities were organized by a committee consisting of Betty Heldman, Stephanie Lamontagne, Vicki McLane, Janet Tempel and Gail Williams.

Birding

(Cont'd)

said Raynor, whose own birding background dates back to his youth in Manorville. "I used to bird at the Lab before there was a Lab," he said, "so I know that there are many birds here now that were not here 30 or 40 years ago. And some that were here then are no longer around." This observation, however, is not official. That's the purpose of collecting this information in a wide variety of habitats: to document the types of birds and their numbers in a particular environment and to monitor long-term trends in the plant and animal life at census plot. Birds are good indicators of environmental quality because they are sensitive to changes and easily observed.

Though both census plots are typical of Long Island, they represent two extreme stages of plant succession in oak-pine woodland. The BNL forest is quite mature, in a late stage of succession from scrub oak-pitch pine forest to climax oak forest. White oaks from 20' to 50' predominate in this woods, which also includes scarlet oak, black oak and pitch pine. In contrast pitch pines less than 10' tall make up 100% of the trees in the Westhampton plot, located in a representative section of the Dwarf Pine Plains or Pitch Pine-Scrub Oak Barrens which cover a large area in this region.

Trends and Fluctuations

The birds know the difference. The dominant species in the BNL plot was the rufous-sided towhee with 199 per square kilometer (km^2) in 1982. Next came the ovenbird ($86/\text{km}^2$), northern oriole ($43/\text{km}^2$), blue jay ($32/\text{km}^2$), and eight other species in lesser numbers. At Westhampton, the prairie warbler, which has not been observed at the BNL plot, is the most common bird, with $196/\text{km}^2$ in 1982. The rufous-sided towhee was second ($149/\text{km}^2$), followed by the Field Sparrow ($62/\text{km}^2$) (another species absent from the BNL plot), and three other species with fewer numbers.

The prairie warbler did not always dominate the Westhampton plot. When the study began in 1977, only ten territorial males were observed, placing it second to the rufous-sided towhee. While the title of "top bird" has alternated between the species since then, the prairie warblers have increased their territories almost every year, peaking in 1982 at 19. So far, this appears to be the only real long-term trend observed at the Westhampton site.

Over the first four years of the BNL census, the number of species in the BNL plot declined from 18 to 8. In

1982, however, the number of territories nearly equalled those in 1977, and the species count was back up to 12. Further, most species recorded as no longer breeding on the plot still showed up as visitors, presumably from nearby territories. These species included the black and white warbler, pine warbler and common yellowthroat. "The reversal of the decline of the past few years," said Raynor, "indicates that it was probably not a real trend, but just a normal fluctuation."

That's why this must be a long-term study. As Raynor pointed out in his latest census report, "These data become more valuable as the length of record increases. Longer term trends can only be distinguished from shorter period fluctuations by continued measurements." — Anita Cohen

NSLS Engineering Wins Award

For its role in the design of the National Synchrotron Light Source, the engineering firm of Seelye Stevenson Value & Knecht (SSV&K) won first prize in the special design category of the Engineering Excellence Competition. The competition is sponsored by the New York Association of Consulting Engineers, which made award presentations on April 30.

SSV&K, in a joint venture with the architectural firm of Urbahn Associates, provided civil, structural, mechanical and electrical design services for the Light Source. The firm also supervised construction. One of the most important provisions for the NSLS was a structure and foundation that permitted little vibration or settlement. This was particularly crucial to allow precise alignment of the elements within the storage rings. Variations such as temperature changes, humidity levels, age and load stress were factored into the design of the concrete slabs.

The firm also designed a special cooling system for the bending and focusing magnets within the storage rings. An energy efficient system was designed that recovers rejected heat from the magnets for the reheat control of the air systems in experimental areas.

Equipment Demo

IBM Corporation will be demonstrating its uv visible spectrophotometer, model 9420, on Thursday, May 12, in Room B232 at the Biology Department. The demonstration will begin at 10 a.m. and continue all day.

The semi-annual meeting of the National Laboratory Scientific and Technical Information (STI) Managers Group was held at BNL on April 21 & 22. Here (from left) Ken Ryan, Manager of BNL's Technical Information Division, and John Laurie, Manager of BNL's Photography & Graphic Arts Division, discuss upcoming sessions with attendees Dan Robbins, Director, Information Division, Oak Ridge National Laboratory; Dr. José-Marie Griffiths, Director, Planning and Design Group, King Research Int., Washington, D.C.; and Andrew Aines, former Director of STI for the Department of Energy. As keynote speaker, Dr. Griffiths discussed "Emerging Technologies and Their Application to STI."



Roger Stoutenburg

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Farmers Market Opens Wednesday

Everyone was pleased with the farmers market last year, including the farmers, and they are coming back this year. The market will open on Wednesday, May 11 and will close on October 26. Farmers will be on site every Wednesday from 11:30 a.m. to 1:30 p.m. selling fruits, vegetables and other items. They will park in the same area as last summer — the parking lot adjacent to the theater on Brookhaven Avenue.

At the height of the season, five trucks loaded with produce will park in the lots, but until then, two farmers will truck in whatever produce is currently available. The market is for Lab employees only and is not open to the general public.

Speakers Bureau

Joseph P. Indusi (DNE), Old Field Junior High School, Introduction to Nuclear Energy, April 8.

Earl Blanton (DO); Harvey Thomas (DNE), New York Institute of Technology Career Expo, Types of Careers and Job Opportunities at BNL, April 14.

Frank DeVito (Math), Sachem High School, Careers in Computers, April 20.

Joseph P. Indusi (DNE), W. C. Mephram High School, Introduction to Nuclear Energy, April 22.

Vance Sailor (DNE), Society of Logistics Engineers, The Logistics of Nuclear Waste Management, April 26.

Robert Glasmann (Accel.), Long Island Science Congress, Science Fair Judge, April 26.

Michael Creutz (Phys.), Scientist in Schools Program at Nyack High School, Particle Physics, April 27.

John Denes (Math), Bellport Middle School Career Day, Careers in Computer Science and Data Processing, April 29.

Williams Sells (S&EP), South Country School District Career Day, Waste Disposal, April 29.

Spring Special

Spring is coming (or may already have arrived) and bicycles will be abloom. But you can't put a bike on the road if it has a flat tire or a broken chain. And what about the bike that's been sitting around all winter, unclaimed? It needs attention.

During the next several weeks, Supply & Materiel personnel will be traveling around the site looking for BNL bicycles that are unattended, or obviously in need of repair. These bikes will be collected and repaired and those unclaimed placed in the pool for reissue.

If your BNL bike needs repair, or you know of one not being used, contact the Warehouse Section of Supply & Materiel at Bldg. T-87, Ext. 7238. All repairs are free.

Cooking Exchange

The next meeting of the Cooking Exchange will be a Port-A-Party on Wednesday, May 11 at 12:30 p.m. Come and enjoy the cooking for "people on the go!"

Meetings are open to Lab employees and their immediate family members. There is a \$1 charge per person and babysitting is provided at 50¢ per child.

For more information, call Adrienne Usher, 289-7658, or Dee Polychronakos, 744-3578.

Hospitality News

The Hospitality Committee's next morning get-together will be held Tuesday, May 10, from 9:30 to 11:30 a.m. at the Brookhaven Center.

Dining Out

In February, the Public Relations Office asked for recommendations for restaurants in order to update an outdated list. The Accelerator Department responded with a comprehensive guide to area restaurants which had been prepared for visitors to the Lab's high energy physics facilities. This listing is now available to all newcomers and visitors to BNL. For your copy, just stop by Public Relations, Bldg. 134.

Racquetball

The Blue Point Racquet Club will host the first BNL Racquetball Tournament on May 21 for men and women interested in either singles or doubles. The tournament fee is \$15 per person and covers court time, beer/soda, cold lunch, consolation round and trophies. To sign up, or to get more information, call Ed McFadden at 363-5170 after 6 p.m.



Mort Rosen

In mid-April, the 1982-83 BNL badminton season came to a close, and some players were singled out for recognition: (from right) John Elmore, who maintained his number one position without serious opposition throughout the 24-week season; Ken Perkins, who was named the league's most improved player; Naresh Bhagat, who placed second to Elmore in the season's final contest; Marjorie Neuberger, who won the consolation round of that contest; and Y.Y. Chu, who was named the most consistent performer. Not shown are Jack Guthy and Om Singh who were in second and third place for the season. The BNL club joined the U.S. Badminton Association for the first time this past year. Naresh Bhagat, Stu Bookless, Kristin Chung, Jack Detweiler, John Elmore, Marjorie Neuberger and Om Sing competed in the 1983 New York State Open.

Golf

The second tournament of the BGA golf season will be held on Monday, May 23 at the Indian Island Suffolk County Golf Course in Riverhead. The tournament will be scored using the Callaway Handicap System. Tee times will be from 11:30 a.m. to 1 p.m. and may be obtained by contacting Marge Neuberger, Ext. 3396 (Bldg. 463). There is a \$1 entry fee for league members and a \$2 entry fee for non-league members. All entry fees must be paid by Wednesday, May 18.

Singles Club

The BNL Singles Club will meet on May 10 at 5:10 p.m., Room D, Berkner Hall. Refreshments will be served.

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 Personnel Placement Supervisor, Ext. 2882.

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

1860. CABINETMAKER A - (Temporary openings) - Under minimum supervision lays out, constructs, modifies and maintains furniture, Laboratory equipment and buildings and component parts. Will work from prints, rough sketches and verbal instructions. Requires minimum of seven years experience as a cabinetmaker. Plant Engineering Division.

1861. TECHNICAL POSITION - Requires substantial experience in the areas of precision mechanical instrumentation, low noise electronic signal processing, ultra high vacuum techniques and computer control. Will work on a user x-ray beam line. National Synchrotron Light Source Department.

1862. TECHNICAL POSITION - Requires significant demonstrated experience in the repair and maintenance of sophisticated mechanical and electronic equipment. A working knowledge of computer interfacing and programming is desirable. Will work on a user VUV beam line. National Synchrotron Light Source Department.

1863. SECRETARIAL POSITION - Requires excellent secretarial and communication skills. Duties include report and correspondence preparation, travel arrangements, as well as extensive word processing duties. Experience with Dacotics word processing system is desirable. Department of Nuclear Energy.

1864. TECHNICAL POSITIONS - Requires AAS degree in electrical technology or equivalent and experience with electronic test instruments, high voltage and/or high current power supplies. Will be involved in testing cryogenic magnets. Shift work required. Accelerator Department/CBA.

1865. TECHNICAL POSITIONS - Requires AAS in mechanical technology or equivalent. Will wire CBA magnets for testing, fabricate magnet power leads and do high voltage testing. Shift work required. Accelerator Department/CBA.

1866. TECHNICAL POSITION - Requires AAS in mechanical technology or equivalent and familiarity with mechanical assembly and machine tools. Will participate in testing cryogenic magnets. Shift work required. Accelerator Department/CBA.

Arrivals & Departures

Arrivals

Nikhiles Bandyopadhyay ... Nuc. En.
Lu Ann Lewis ... Staff Services
Robert Schindler ... Central Shops

Departures

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

Wolfgang Finger ... Physics
Deborah A. Lagnese ... Physics
Winfield J. Lewis, Jr. ... DEE
Helen L. McHally ... Physics
Joey Shao ... Nuclear Energy
James W. Waters ... Instrumentation

Motorcycle Club

The Motorcycle Club will meet at the Recreation Bldg. on Monday, May 9, at 5:15 p.m. Please attend.

Bowling

White League

J. Petro rolled a 255, K. Asselta 246, J. Ferrante 244/604 scratch, G. Hassell 218, D. Adams 209, G. Fales 203, E. Liguori 193, S. Smith 189. Clearwater is in first by one point followed by the Gropers.

Purple League

High games were bowled by D. Hall 205, P. Calligari 200, M-G Meier 192/179, G. Riker 183. The Good Guys are in first followed by the Drafters.

Red/Green League

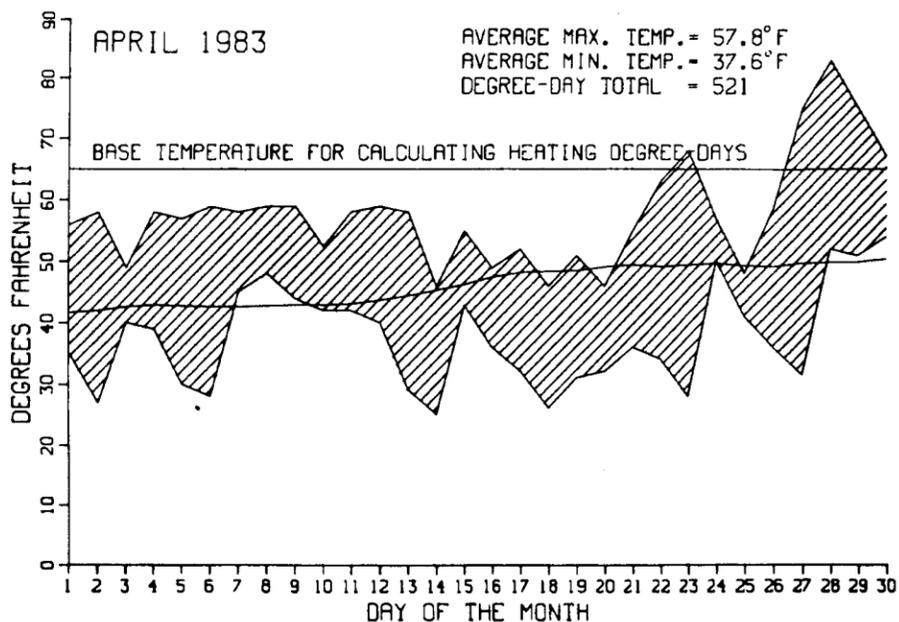
C. Bohnenblusch bowled a 245, J. Conelly 226/200, A. Almasy 226, J. Medaris 225/220/621 scratch, K. Asselta 224, T. Prach 221, H. Marshall 216, D. Jesaitis 211, J. Bohenek 210, R. Jones 207, L. Schairer 203.

Pink League

S. Long had games of 183/213, R. Rosati 161, M. Grahn 173.

May 6 has been designated National Nurse Recognition Day by President Reagan, and May 6-12 as New York State Nurses Week by Governor Cuomo. May 12 is the birthday of Florence Nightingale, founder of modern nursing.

Degree Days at BNL



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

STAFF SCIENTIST - for environmental systems analysis group, to work on the analysis of air quality and related problems with emphasis on acidic deposition. Experience with environmental impact assessment would be helpful. Position requires an advanced degree in the environmental sciences, or engineering. Contact: F.W. Lipfert, DEE, Ext. 2057.

Autos & Auto Supplies

71 CAMARO - 6 cyl., m/t, 96,000 mi., orig. owner, asking \$800. Ron, Ext. 3987.

73 CHEVY VEGA - 4 spd., runs well. Ext. 3596 or 821-1039.

CANVAS TOP - Jeep, fits 73-83, CJ-5, brand new, \$250. 744-6032.

79 HONDA MOTORCYCLE - CM400T, 2,000 mi., garaged, must sell, \$1,000. Ext. 7125.

78 FIAT SPYDER - 1800, convertible, 5 spd., 49,000 mi., very good cond. 589-0643.

79 FIAT STRADA - 23,000 mi., bucket seats, a/c, am/fm, 5 spd., rear defogger, \$2,550; 1974 Chevy Camaro, rally sport, 4 spd., bucket seats, am/fm stereo, p/b, p/s, \$2,875. 821-9280.

77 FORD GRANADA - 2 dr. sedan, a/t, p/s, p/b, clean, excel. running vehicle. 757-3178 after 6 p.m.

76 PLYMOUTH VOLARIE - 4 dr., a/c, p/s, p/b, 47K mi., excel. cond. Irv Meyer, 929-4326.

73 VEGA - 88K mi., runs well, dependable, 30 mpg, \$400, willicker, must sell by June 1. Jeff, 282-4815 weekdays.

74 BMW - 2002, excel. running cond., new everything. Donna, Ext. 5138 or 473-5095 after 6.

74 BLAZER TOP - \$750; rear quarter panels, \$500; Buick Electra w/motor. 744-3968, leave message.

78 PORSCHE - 33,000 mi., fm, a/c, \$9,000. 212-358-5705.

77 HONDA - CB750K, 11,000 mi., clean, excel., extras, \$1,295. Rich, Ext. 4482 or 277-1129.

ANTIQUA GRINDER/SHARPENER - updated w/motor attachment, heavy duty, \$150. Ext. 3688.

80 DATSUN PICKUP - fiberglass cap, step, bumper, mirrors, 30 mpg, 42,000 mi., clean, fine cond., \$4,975. 728-0273.

81 MUSTANG - hatchback, 4 cyl., 4 spd., am/fm stereo, like new, low mi. 234-7225.

79 MONZA - 4 spd., 4 cyl., low mi., am/fm stereo, like new. 543-3681.

71 CHEVELLE - 2 dr., auto., mag wheels w/spare, 1973 350 cu. in. eng., all for \$1,350; 1976 AMC Sportabout, 61K, auto., air, \$1,100; 1970-1/2 Camaro, flares, mag wheels, auto., sunroof, \$1,900. 265-3731.

TIRES - steel radials, GR70x15, mounted on Plymouth rims, \$25/pair. Bill Stars, 289-9648 after 6 p.m.

DUNE BUGGY - new paint, new parts, mint, best offer. John, Ext. 5385 or 744-0290.

78 HONDA MOTORCYCLE - 750K, 3,000+ mi., loaded, mint cond., \$1,700. 289-1122 after 6 p.m.

72 DODGE POLARA - excel. in & out, well maint., excel. running, \$700. 924-3281 eves.

72 HONDA MOTORCYCLE FRAME - custom rigid frame w/fender & seats, oil tank, many extra parts, asking \$350. 654-2076 eves.

VW PARTS - muffler assemblies, \$28; bumpers, \$27; 009 distributor, \$36; full line of new parts at discount prices, call for needs. Augie, Ext. 2419 or 289-4211 eves.

73 MAVERICK - good runabout, 6 cyl., blue, some rust, \$350 or best offer. Ext. 3389 or 654-5921 eves.

68 VW - squareback, rebuilt eng., some body rust, \$250. Tom, Ext. 3128 or 928-7344 eves.

72 PONTIAC LEMANS - 56,000 orig. mi., new tires, poor body cond., \$250. George, Ext. 4476 or 744-4912.

74 CHRYSLER NEWPORT - \$900 or best offer. 727-5912 after 6 p.m.

82 CHRYSLER LEBARON - 4 dr., loaded, 14K, \$7,000. Ext. 4613 or 878-1921.

TRAILER HITCH - Class III, 10K lbs. carrier & head, \$75. 732-5004.

FORD CARBURATOR - pass. or truck, 1965-1974 w/inst. sheet, \$25. 732-5004.

75 TRIUMPH TR6 - needs work, \$1,700. Ext. 5053 or 472-1735 after 5 p.m.

MOTOROLA CAR RADIO - am, pushbutton w/speakers, good cond., \$10. Pete, Ext. 4324.

PIONEER STEREO - under-dash, fm cassette w/slide bracket, KP-500 w/supertuner, excel. cond., asking \$85. Chip, Ext. 2256.

RUBBER CAR MATS - set, almost new, for compact car, \$10. Pete, Ext. 4324.

TRUCK TIRES - 17.5 x 8.00, Remington Hiway, heavy duty, mounted, balanced, like new, Chev/GM, \$125/pr. 265-1039.

FORD/MERC RIMS - (2) 14", 5-holes, \$20. Tony, Ext. 3637 or 3658.

CHEVY TRANSMISSION - 4 spd., excel. cond., \$125. Ext. 2697 or 325-0743 after 6 p.m.

80 TOYOTA COROLLA - lift back, sport coupe, 5 spd., low mi., stereo, mint, \$5,200. 727-4473 eves.

69 OLDS NINETY-EIGHT - good running cond., all power, needs minor work, asking \$600. Steve, 929-6877.

USED CARS - \$1,000 and up. Steve, 929-6877 after 5:30 p.m.

80 TRANS AM - Pontiac Turbo, p/s, p/b, p/w, a/c, T-top, excel. cond. am/fm, asking \$8,500. Steve, 475-6375.

74 FIAT ENGINE - new valves & rebuilt transmission, \$195. Peter, Ext. 2734 or 928-2469.

80 CITATION - 2 dr. hatchback, 4 spd., velour bucket seats, 4 cyl., a/c, p/s, p/b, am/fm, \$2,800. 212-343-3154 after 6 p.m.

73 YAMAHA - 250RD, MC, \$250 or best offer, Ext. 4725 or 473-8716.

79 FIAT STRADA - luxury package, am/fm, 5 spd., 35 mpg, lift back, 27,000 mi., \$2,700. Richard Gagliardi, Ext. 4613 or 821-9296.

73 TOYOTA PICKUP - 4 spd., recent valve job, good cond., \$1,600. Al, Ext. 5128.

78 MONTE CARLO - V-6 eng., am/fm stereo, p/s, p/b, auto., new radials, 33,000 mi., \$3,350. 821-9280.

71 PONTIAC CATALINA - \$300. Ext. 2951.

76 CHEVY - CK-20, 4 spd., p/s, p/b, am/fm, 38K mi., new tires, tack, cap, 4x4 clean, 8' bed. 744-0471.

78 HONDA - 400 cc, auto., low mi., very good cond., \$900. John, 744-4386.

MAG WHEELS - (4), Pinto alum. mags., \$50; 72 Chevy truck trans., 4 speed, asking \$100. Dick, Ext. 3499 or 589-9103.

CASSETTE DECKS - (2), am/fm, \$50-75. Bob Kiss, 981-6092.

79 MAZDA 626 - 2 dr/sdn., excel. cond., 5 spd., met. blue, rust proof, 30-35 mpg, \$4,750. Larry, Ext. 4107 or 472-0721.

75 CHEVY NOVA - 4 dr., blue, 3 spd. standard, economy, 262-V8, radial tires. Hugh, Ext. 4424 or 924-3293.

72 FORD WINDOW VAN - E200, V-8, new auto. transmission, new tires. Hugh, Ext. 4424 or 924-3293.

75 TOYOTA COROLLA - 2 dr., hard top, 4 spd., high mi., but well maintained, excel. cond., \$1,200. June, Ext. 7631 or 878-2040 after 6:00 p.m.

80 CHEVETTE - 4 dr., hatchback, 4 cyl., 4 spd., very good cond. Bob Kiss, 981-6092.

71 JAWA DIRT BIKE - CZ 400, runs excel., extras, must sell. Al, Ext. 2011.

77 SAAB - 99 EME, Sport Coupe, sunroof, luggage rack, Perelli tires, gold alloy rims. Jim, 667-3909.

72 TOYOTA CORONA - 5 spd. manual, runs well, some rust, \$700. Glenn, Ext. 3336 or 472-1419.

75 TOYOTA CORONA - 2 dr. s/s, eng. & int. good, \$950. 924-5100 or 878-8144 eves.

78 HONDA MOTORCYCLE - 750cc, new tires, king/queen, runs good, \$1,400. Denise, 588-5467 after 5 p.m.

RIMS - slotted chrome, 15x6, Chevy pattern, 2/\$5. Augie, Ext. 2419 or 289-4211 eves.

Boats & Marine Supplies

33' ULRICHSEN - 1969, 1 owner, twin Chryslers, double planked, wood hull, in storage Stony Brook Marina. 751-1398.

18' LARSEN - fiberglass, 1976 outboard, 115 Johnson eng., good cond., \$2,100. Jim, 698-2501.

69 WINNER - bow rider, 55 HP, with trailer, elec. windows, \$1,500. 265-3731.

27' RICHARDSON - 6 cyl., fly bridge, well equipped, \$800. 878-8543.

80 RENKEN - 21' cuddy, 120 Volvo, penta engine, I/O many extras, full canvas, compass, 50 hrs. use, excel., \$7,000. 981-0989.

16' COMET - fiberglass on wood, aluminum mast, new trailer, any reasonable offer. Bernie, Ext. 4842 or 331-2298.

PROP - Merc 65-150, excel. cond., \$35. Ext. 4107.

17' O'DAY - good cond. w/trailer, \$1,500. 286-0745, eves & weekends.

JOHNSON OUTBOARD - 25 HP, L.S., used 20 hrs., spare tank, prop, etc., \$800. John, Ext. 4243.

14' SAILBOAT - Bluejay, fiberglass over wood, old, asking \$500 or make an offer. Ken, Ext. 7959 or 581-1169 eves.

15' THUNDERBIRD - fiberglass, 35 HP Johnson, good cond., in water, \$650. 298-4475.

FISH-FINDER - Ross Sportsman recorder/flasher, mint, \$300. John, Ext. 4243.

20' GARVEY - glass-decked, excel. cond., \$800. 589-4327 after 6 p.m.

MARINE ENGINE PARTS - new, used, reconditioned, large inventory, Johnson, Evinrude, OMC, Sterndrive. 265-5218 eves.

24' WINNER CRUISER - white, all fiberglass, sleeps 3, 165 HP, Mercruiser, Sterndrive. Ext. 2173.

CHRYSLER ENGINE - '73, 105 HP, new power pack, tune-up, winterized, runs perfect; 20' Owens wood boat w/cabin, '\$9,500 for both or \$700 for eng. & \$250 for boat. Linda, Ext. 2733.

Miscellaneous

TICKETS - (2), Merry Widow, St. Johns the Baptist H.S., W. Islip, Sat. May 28, \$8/ea. Ext. 2881 or 286-3372.

GIUITARS - 6-string and 12-string, Giannini, both complete, fair cond., make offer. Fred, Ext. 7947 or Ext. 4283.

FIREPLACE - free standing with 15 ft., 10 in. stainless pipe and all hardware, cap, brackets, etc., \$300; chrome contemporary chairs, one brown and one black velvet, \$50/ea. 698-3394.

SULKY - for Gravely tractor, plus other attachments. Ext. 3688.

NATIONAL GEOGRAPHIC MAGAZINES - many complete years, some back to 1919, also Scientific American. Tomesch, 475-9065.

BOY'S THREE PIECE SUIT - Botany, navy, size 14, \$25. Sue, Ext. 7235 or 399-1736 after 5 p.m.

CHANDELIER - 4 light, lovely, old, \$75, flexible; child's bike, 2-wheel, convertible, \$15. 286-3847.

SEWING MACHINE - Singer, used twice, numerous attachments, cabinet incl., \$125. Ext. 3673.

MILK ALTERNATIVE - Milk allergies? Meadow fresh delicious, nutritious, non-allergic, cost is less than milk. 567-6821.

WHEEL BARROW - large, \$5; one cord wood, best offer over \$50. Ext. 2543.

JACKET - mouton lamb, brown, fits sizes 14-16, good cond., \$75. 475-0144 after 6 p.m.

WESTIE PUPS - champ bloodline, ready end of May. Richie, Ext. 2175 or 734-7342 after 6 p.m.

CANOPY FRAME - white, good cond., \$50. Ext. 2964.

HAMS - Heath C.W. transceiver HW16, with V.F.O., ant., tuner, SWR meter, coax switch, complete, \$200. LT9-2648.

ROOF RACK - 37"x37", excel., \$20. 744-9677.

CALCULATORS - credit card size, Enterprex, complete with case and directions, new, \$8/ea. Pete, Ext. 3516 or 399-2813.

SECTIONAL SOFA - 3 piece, green brocade, good cond., \$150 neg. 588-6333.

VEGETABLE PLANTS - 6-pack, flower plants, 4-pack, \$.75 per pack, delivery around May 1. 727-6818.

ANTIQUA WILLOW WICKER COUCH - and chair, excel. cond. Judy, Ext. 2145.

GIRL'S BICYCLE - 20 in., 3 spd., very good cond., \$30. 924-3281 eves.

REFRIGERATORS - (1) Frigidaire, \$75; (1) Hot Point, \$80; upright, white, very good condition. 289-3848.

CASSETTE DECK - \$75; wine barrels, \$5-15; side table glass top, \$20. Ext. 3128 or 928-7344 eves.

DINING ROOM SET - chrome & glass, 6 chairs, excel. cond. 878-8543.

GOLF CLUBS - bag & cart, McGregor, used 1 yr., like new, excel., \$175. 732-5004.

COMMUNION SUIT - 3 pc., dark blue, size 8. 567-5131.

PLANTS - Lily of Valley, 50 for \$2.50; fir & spruce evergreens, 20"-40", you dig, 2 for \$7. 878-6637.

LAWN SET - decorative wrought iron, wild grape pattern, needs painting, \$100. Jack, Ext. 2907.

GE AIR CONDITIONER - 14,000 BTU, operates on any outlet; Toro 21" self propelled mower. Ext. 3392 or 475-8330.

CONCERT SUBSCRIPTIONS - to share '83-'84, NY Philharmonic, Sat. eves; Chamber Music, Lincoln Center, Sun. 5 p.m. Paul, Ext. 2264 or 941-9055.

GOLF CLUBS - driver, sand wedge, 8-iron, 2-putters. George, Ext. 7956 or 2021.

GIRL'S TIMEX WATCH - mechanical metal flex band, good condition, \$5. Pete, Ext. 4324.

COUCH - 8', yellow cord., \$100; weight bench, \$10. 744-1845.

SOFA TABLE - Bassett, square, 6' wall units w/bar & sliding doors, Douglas dinette. Ext. 3565 or 924-8594.

WEIGHT SET - Dan Lurie, 85 lb., \$20; Sunbeam floor polisher, \$35. 475-8971 after 6 p.m.

CAR SAFETY SEAT - Century 200, birth to four yrs., clean, like new. Mike, Ext. 7594 or Marie, 325-1711.

ELECTRIC WATER HEATER - 82 gal., 240 volts, dual element. 588-4126 after 5 p.m.

TAPE RECORDER - Panasonic model 3100, a/c adapter, perfect cond., \$40. Ext. 3876 or 4822.

QUARTER HORSE - registered, 4 yrs. old, Bay Mare, 14.2 hands, smooth gaits, jumps. 981-5765 after 6:30 p.m.

GOLF SHOES - Foot-Joy, all leather, size 9 1/2 EEE, \$20. Ext. 4696.

WOMAN'S BIKE - Mixte, 10 spd., "Motobecane", very good condition, many extras, \$85. Henry, Ext. 3808.

CAMERA - Cannon AE1, fully automatic, 55mm lens, 155A speedlite, case, perfect cond., rarely used, \$250 neg. Pam Esposito, Ext. 2343 or 289-6081.

AIR CONDITIONER - Sears, 11,000 BTU's, 110 volts, window or wall, \$100. John, Ext. 5152 or 281-2471.

KITCHEN SET - 4 chairs & table. Ext. 2050 or 281-7986.

FREEZER - 20 cu. ft., upright, excel. cond., \$175. Paul, Ext. 4156.

BABY GRAND PIANO - moving, must sell, excel. cond., reasonable. Mrs. Muff, 477-0828 weekdays or 765-5431 weekends.

AIR CONDITIONER - Fedders, 6,000 BTU's, reasonable. Sal, Ext. 2460.

WINDOWS/DOORS - wooden, double hung w/storms, metal and wooden storm doors. Bob, Ext. 7785.

BATHROOM FIXTURES - sinks, vanity, cabinets, etc. Bob, Ext. 7785.

LENOX CHINA - service for 6, Orange Blossom pattern; 40 channel Cobra CB radio w/antenna, \$40. 399-5863 after 6 p.m.

WELL PUMP - Gould Deep, 1/2 HP w/42 gal. stubby water tank, best offer. Larry, Ext. 2021 or 281-7240.

CASEMENT WINDOWS - heavy duty aluminum, screens, storms, incl. various sizes, \$20 ea. Niels, Ext. 4124.

ORGAN - Wurlitzer double keyboard, rhythm pedal, built in tape recorder, excel. cond. 821-0080 after 5 p.m.

MEN'S BASEBALL SHOES - leather, Adidas, sizes 10M & 10 1/2M, \$8 ea., excel. cond. 289-8212.

CHANDELIER - dining room; 2 bdrm. hanging lamps. Ext. 4531 or 331-3785.

RCA DRYER - Whirlpool gas, 3 cycle, \$50; Westinghouse refrigerator, 16 cu. ft., side by side, \$75. Bob Kiss, 981-6092.

TODDLER CAR SEAT - 20-40 lbs, American Safety, \$25; booster seat, \$3. Sue, Ext. 7772.

BEE HIVES - w/bees & queen, produce your own honey, \$150 ea. Hugh, Ext. 4424 or 924-3293.

ROOM DIVIDER - wood w/2 lights, \$75. 878-2421.

UPRIGHT FREEZER - Sears, 16.8 cu. ft., like new, \$200. 878-2421.

R/C KRAFT SPORTSERIES - 4 servos, charger, motor, 3 planes, extras, \$325. Ext. 7187 or 981-9474.

9' POOL TABLE - AMF Grand Prix, slate top, auto. ball return, excel. cond., all accessories, \$1,095; men's golf clubs, 3, 4, 5, 6, 7, 8, and 9 irons, 3 & 4 woods, and putter, old but makes good starter set, \$20. Linda, Ext. 2733.

ELECTRIC MOTORS - (2) 5 HP, 3 phase, commercial, \$500; white oak Fr. Provencal hutch type bookcase. 289-0967 after 5 p.m.

OCCASIONAL CHAIR - comfortable, good cond., \$40. Carol, Ext. 2907 or 698-8510.

TAPE PLAYERS - (2) 8-track, \$10 each. Dan, Ext. 7518 or 929-3195 eves.

Free

DOG HOUSE - you pick up, Eastport. Karen, Ext. 2950.

RED FEMALE DOG - altered, all shots, med. size, Shepherd-Husky mix, about 2 yrs. old, quiet, 286-8496.

Yard Sale

BROOKHAVEN - May 7 & 8, furniture, household goods, etc., 19 Carman Blvd.

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

MT. SINAI - 3 bdrm. ranch, 2 baths, finished basement, central air, fully furnished, July 1-August 31, \$700/month not incl. util. Ext. 4260 or 928-5737.

MIDDLE ISLAND - Artist Lake condo., 1 bdrm. apt., \$415/mo. incl. gas heat & hot water, appliances, washer, dryer & dishwasher, avail. end of May. 331-2025 between 10 a.m. & 3 p.m.

EASTHAM, CAPE COD - June-Sept., 4 bdrm. house, sleeps 8, 2 baths, washer/dryer, dishwasher, deck, near beaches, \$575/wk. 722-3865 eves.

For Sale

EAST MORICHES - Newport Beach, 3 bdrms., 2-1/2 baths, 2-car garage, laundry rm., fireplace, fenced back yard, 2-zone heating, 1/2 acre, deeded private beach rights, docking space/launching ramp avail., near the Hamptons, \$70,000. Ext. 2733 or 878-8491.

MIDDLE ISLAND - Coventry Manor, 3 bdrm. townhouse, 5 min. to Lab., central a/c, 5 appliances, new w/w carpet, wood stove, loft den, skylights, cathedral ceiling, prime location, wonderful for family w/children, \$47,900. Ext. 5284 or 924-4237.

MASTIC - 3 bdrm. ranch, family room, excel. cond., avail. immed., \$50,000. 928-9222 or 698-4197.

NO. SHOREHAM - Shoridge Hills, custom built 3 bdrms., 1-1/2 baths, 7 rms., in excel. cond. on high 1/2 acre, 2 car garage, finished den, low taxes, private community, deeded beach rights, priced in high 70's. 744-8483.

RIDGE - adult condo. at Leisure Village, 2 bdrms., garage, porch, all appliances, & A.C., \$60,000. 821-0865.

Car Pools

HUNTINGTON/MELVILLE - three-man car pool looking for a fourth. Meyer, Ext. 3036.

RONKONKOMA - driver to join 3 person pool near LIE, Exit 60. Victor,