

the Bulletin Board

VOLUME 17, NUMBER 30

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APRIL 21, 1964

GROUP MEDICAL INSURANCE

Under our Group Medical Insurance Plan, employees may provide coverage for:

1. Wives or husbands;
2. Unmarried children until the December 31 after their 19th birthday;
3. Unmarried dependent children over age 19 who are attending school on a full-time basis.

When an employee enrolled in the family plan no longer has children as defined above, coverage may be changed to a plan covering the employee and one family member (maternity benefits excluded) at a reduced contribution of \$1.31 per week or \$5.66 per month.

If you wish to make this change, **application must be made at the Personnel Office, 58 Brookhaven Avenue.**

TIAA — CREF

Participants in the Laboratory Retirement Plan may elect to have all premiums applied to TIAA, the fixed annuity, or may elect to have a percentage of premiums applied to TIAA and the remainder (up to 50%) to CREF, the variable annuity.

These percentages may be changed once a year, effective July 1. All participants who wish to change current percentages must make application at the Personnel Office **prior to June 1, 1964.**

SOFTBALL

1964 has produced a bumper crop of softball enthusiasts at BNL, as seventeen teams have entered the competition. The departments will be separated into three leagues of equal caliber. The league structure recommendation will be submitted for approval to the Softball Executive Board this week. After the meeting, schedules will be duplicated and distributed. Opening day is May 4. If you haven't already joined the gang, look up your department representative and sign up.

BULLETIN BOARD NOTICE

For all BULLETIN BOARD questions, please contact Janet Whitehead or Evonne Hammond at the Personnel Office, Ext. 2513.

COX WINS SINGLES CROWN; SMITH AND COX TAKE DOUBLES

On Thursday last, the favored team of Dave Cox and Joe Smith captured the 1964 BNL Table Tennis Doubles Championship by winning four straight games from Steve Garrett and Andy Kevey. The first game score reached 18-all before being decided 21-18. The second went to deuce before the win was taken 23-21. The last two winning scores were 21-17 and 21-16. All the games were closely contested, with just a few points separating the opponents. The difference in the match seems to have been the winners' ability to bear down and play consistently on the pressure points.

The feature event of the tournament, the Singles Championship, was played to an appreciative gallery last Friday and pitted Cox against Nguyen Hien, who recently defeated last year's champion, Sid Heller. The match was billed as a contest between two fine defensive players. However, Cox immediately took the offense and set the pace for the match. The first two games were closely fought, with Cox taking both 21-19, 21-18. The third and fourth saw Hien tiring a bit as he dropped both, 21-15, 21-12. It looked all but over in this best-of-nine series as the fifth game was started. But Hien wasn't ready to give up: he rallied to take the game 22-20. With the score 4-1, Hien appeared to be gaining momentum as he led the sixth game by a score of 5 to 1. When the score reached 15-all, Cox changed his strategy by easing up on his return and forcing Hien's timing to desert him for the last five points game and match.

Trophies were awarded by George Sabine to the doubles champions, the singles champion and the singles runner-up.

Congratulations are extended to all the participants for their display of excellent sportsmanship. (See p. 2 for photos of winners.)

BNL VISITORS

A Dosimetry Workshop will be held on site from Wednesday through Friday of this week.

Participants in an NSF Institute for High School Science Teachers seminar held at the University of Pennsylvania will tour the Laboratory on Thursday.

TWO BROOKHAVEN LECTURES ON BUBBLE CHAMBERS

THIRTY-SIXTH LECTURE

By: William B. Fowler

Physics Department

Title:

Bubble Chambers: Instruments for High Energy Physics Experiments

Lecture Hall — Wed., May 6 — 8:00 p.m.

THIRTY-SEVENTH LECTURE

By: Nicholas P. Samios

Physics Department

Title:

Bubble Chamber Experiments — Alpha to Omega Minus

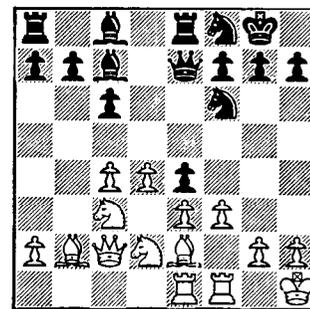
Lecture Hall — Wed., May 20 — 8:00 p.m.

A buffet supper (\$2.75) will be served at the Brookhaven Center before the lectures, beginning at 6:00 p.m. Reservations should be made at least one day in advance by calling Ext. 2302 before 5:00 p.m. or Ext. 2453 in the evening.

Refreshments will be available in the Exhibit Hall following the lectures.

CHESS PROBLEM

In this week's problem, the game is about fifteen moves old. Except for a Pawn from Black and one from White, all pieces are still on the board. Black to move and win. How? Solution elsewhere in the BULLETIN BOARD.



CAFETERIA SPECIAL

Thursday, April 23

Small Juice
Celery & Olives
Tossed Salad
Roast Turkey

Mashed Potatoes & Peas
Shortcake
Beverage

\$.99

TABLE TENNIS TOURNAMENT WINNERS



Doubles Champions Joe Smith and Dave Cox.



Singles Champion Dave Cox (left) with runner-up Nguyen Hien.

SOLUTION TO CHESS

- | | |
|--------------------------|---------------|
| 1. ... | 1. N-N5 |
| If 2. PxN Black wins by: | 2. Q-R5 |
| 3. P-KR3 | 3. Q-N6 |
| 4. K-N1 | 4. Q-R7 Check |
| 5. K-B2 | 5. B-N6 Mate |
| | And if: |
| 2. N/2 XP | 2. Q-R5 |
| 3. P-KR3 | 3. NxP |
| 4. Q-Q2 | 4. BxP |
| 5. Resigns | |

TELEPHONE CREDIT CARDS

To avoid the nuisance to you and to the Laboratory of those minor BNL telephone bills (as well as the 10¢ per call service charge), you are urged to take advantage of the convenience of a telephone company credit card for personal toll calls made from the Laboratory. A credit card may be readily obtained by calling the business office of your home telephone exchange.

BNL BOWLING PARTICULARS

April 20

League sweepstakes and league roll-offs.

A free buffet dinner, through the courtesy of the alley proprietors, will be served before bowling at Patchogue Recreation and after bowling at Port Jeff Bowl.

April 28

Rainbow Tournament, 6:30 pm, Port Jeff.

All league secretaries and representatives will compete in a Petersen Point round robin event. The winning team will receive trophies.

May 1

BNL Championship, 6:30 pm, Patch. Rec.

This year, for the first time in BNL history, we have two ladies' leagues. The winning teams of each league will meet in a four-game Petersen Point match to determine the BNL women's championships.

Our four men's league winners will compete at the same time to determine the BNL men's championships. This event will have each team roll one game against each of the remaining three teams. A fourth game will be rolled with the opponents determined by their order of standings and a pre-arranged schedule. The four game results using the Petersen Point system will be used to determine the winner.

May 8

Bowling awards presentation evening at the Gymnasium.

Arrivals and Departures

WELCOME TO BNL

AGS	
Henry J. Kapfer, Jr.	Ext. 2410
BIOLOGY	
Winston R. Dykeman	2544
CENTRAL SHOPS	
Howard A. Niebling	566
MECHANICAL ENGINEERING	
Manfred G. Specht	
MEDICAL	
Carol L. Pfeleiderer	301

RECENT DEPARTURES

NUCLEAR ENGINEERING	
Harman Finston	
PHYSICS	
Helen Sandberg	
REACTOR	
Randi B. Vogt	

FENCING CLUB

MEETS AT THE GYMNASIUM
TUESDAY EVENINGS, 5:00 P.M.
New Members Welcome

**BOWLING LEAGUE STANDINGS
SECOND HALF FINALS**

PLACE	TEAM	WON
ROSE LEAGUE		
1.	Medigals	70
2.	Nightingales	61
3.	All Fours	51
4.	Bloopers	46
5.	Leftovers	46
6.	Bowlerettes	42
PINK LEAGUE		
1.	Diamonds	73
2.	Odds & Ends	71
3.	Atomettes	63
4.	All Toes	51
5.	Dipions	34
6.	Sprites	23
GREEN LEAGUE		
1.	Fire Department	60
2.	Old Timers I	53
3.	Old Timers II	55
4.	Old Timers III	48
5.	Electrons	46
6.	Blackbirds	49
7.	Gnats	41
8.	Reefers	41
9.	Rems	27
BLUE LEAGUE		
1.	Woodbees	66
2.	Nuclides	64
3.	Spoilers	61
4.	Rainmakers	59
5.	Bubble Boys	58
6.	Techs	53
7.	Screwballs	52
8.	Splitters	47
9.	Pinheads	43
10.	Sleepers	43
11.	Needlers	42
12.	E.A.O. Floorwalkers	40
PURPLE LEAGUE		
1.	Blue Jays	72
2.	Bowl Aids	66
3.	Hopefuls	59
4.	Designers	56
5.	Floorwalkers	46
6.	Phoubars	42
7.	Woodbutchers	41
8.	Fiscal	36
RED LEAGUE		
1.	HP Ins	75
2.	Spitfires	66
3.	Cosmos	63
4.	Scotches	58
5.	Dirty Sox	55
6.	HP Outs	55
7.	Ghotiz	54
8.	Twisters	45
9.	Biology	44
10.	Mecca	43
11.	Ah Sos	38
12.	Goforbrokes	34

SOFTBALL ENTRIES

Name - Department	Captain - Ext.
1. Bankers, Fiscal	V. Bilms, 446
2. Blue Jays, PM	P. Kelly, 2382
3. Bubble Boys, Phys.	F. Bagamary, 2430
4. Cosmotron, CN	F. Thornhill, 2254
5. Dirty Sox, ADD	E. Egler, 2346
	D. Easler, 2314
6. Electronics, Inst.	F. Maye, 2480
7. Kludge, AMD	J. Alston, 2733
8. Medical, Med.	B. Scott, 2876
9. Metallurgy, NED	B. Galen, 673
	S. Pollack, 355
10. Mets, Phys.	G. Emery, 2644
11. Odd Balls, CN	J. Post, 7772
12. Old Timers, NED	H. Frei, 693
13. Pappy's Poopers, ADD	T. Lee, 2410
14. Phoubars, Photo	H. Jones, 2229
15. Potsareebies, NED	R. Carciello, 7769
16. Upton Downers, NED	T. Gody, 2331
17. Chamber Chaps, Phys.	P. Vosganian, 2430

CLASSIFIED ADS

FOR SALE

1957 FORD - Country sedan, Thunderbird engine, Fordomatic, r/h. \$395. YA 4-3522 after 5:30 p.m.

1964 BUICK SPECIAL - 2-dr., std., shift, V6, 155 hp, w/w, r/h, back-up lights, remote side view mirror, 9,000 miles. Asking \$2,100. F. Dimino, Ext. 2410 or HR 3-5304.

PONTIAC - 9 passenger station wagon, fine condition, low mileage. \$450. Ext. 344, AN 5-7726.

1952 CHEVY - 4 door sedan, running condition. \$75. L. Joiner, Ext. 439.

1958 CHEVROLET - Wagon, two-tone blue. Stand. shift, economy six - only \$450. Hodor, Ext. 2630 or 751-0182.

1951 NASH - Good running condition. Excellent transportation car. Best offer. Tessie, Ext. 614.

1956 T-BIRD - Completely redone, over \$2500 invested in the car. For details contact P. Panetta, Ext. 2198 or MO 7-3740 after 6.

1960 RENAULT DAUPHINE - In very good cond., seven tires and many spare parts. Best offer over \$250 takes all. Ed. McFadden, Ext. 2912.

1957 MERCURY - Late model power brakes & steering. Excellent motor and body with 4 new tires. \$495. AN 5-7492 after 6 p.m. Must sell.

1962 OLDSMOBILE - Blue convertible, power steering & brakes, 4 new tires, \$2000. Ext. 557 or GR 5-4312 after 5:30.

1957 MERCURY - Turnpike cruiser. 2-dr. hardtop. Full power. 62000 original miles. Recent overhaul. Two new tires, others very good. Very clean. Asking \$500 (but I'll listen). JU 1-8003.

1963 CHEVY IMPALA - Convertible. 7000 miles, 1 owner, excellent cond., auto. trans., r/h. Call after 5 p.m. AT 6-8629. Must sell, leaving for Armed Forces.

1958 PONTIAC - Chieftain. Good transportation. Ext. 2196 or GR 5-5394 after 6.

1958 BUICK - Hard top. V8, automatic trans. \$275. EM 3-6058.

1956 FORD - Good running condition, leaving country. \$75. Ext. 2774.

1955 FORD - Barely runs. Will sell for parts or anything you want it for. M. Strongson, Ext. 2926.

1960 PONTIAC - Bonneville, r/h, whitewalls, power steering & brakes. \$1,495. Mike, Ext. 2412 or AT 9-0562.

1963 CHEVY II - 4-dr. sedan, auto. trans., r/h. R.W. Briggs, Ext. 384 or 281-5471.

1959 CHEVROLET CONVERTIBLE - Red with white top. Radio, heater, whitewalls. New brakes, tires good, 348 cu. in. with 3 deuces, 4 on the floor and positraction. Excellent transportation for mother. \$750. Ext. 2410-2411. Home 281-5381.

1960 RENAULT DAUPHINE - \$175. Ext. 356.

1958 CHEVROLET - Convertible, power steering & brakes, metallic blue. \$400. R. Slavinski, Ext. 2896 or PA 7-4764.

1954 CHEVROLET - Bel Air. 6 cyl., 4-dr., auto. trans., r/h, runs well. \$100. Ext. 322.

1953 PLYMOUTH - 2-dr. station wagon. Looks terrible, but it runs. \$30 this week only. Next week the price will drop. Don, Ext. 2735.

1963 TRIUMPH SPITFIRE - 10,000 miles, black & white, r/h. Call 281-7989 after 5 p.m.

1954 FORD WAGON - \$50. AT 6-8712 after 6 p.m. or Ext. 2387.

1952 CHRYSLER - 4-dr., 6 cyl., fluid drive. 4 new tires, new generator and voltage reg. In good condition. Ext. 541.

1958 THUNDERBIRD - Owner in service. Ext. 2866.

1949 CHEVROLET - 4-dr. sedan, excellent cond., good transportation, heater, tires, fair. \$65. R. Meyer, Ext. 481 or LT 9-5757.

1957 DODGE - Hardtop, automatic, P.S., V8, 5 near new & 2 snow tires. Low mileage, r/h. \$450. Peter Lieberman, Ext. 7732.

1962 VOLKSWAGEN - Red convertible. In good condition with radio and seat belts. Original owner must sell this second car due to moving. \$1500. B. Nimmo, Ext. 2348 or GR 5-8556.

1957 T-BIRD - Two tops and tonneau cover, r/h, Fordomatic. Good condition. Best offer over \$1000. E. Raka, Ext. 310.

CRUISER - 25 Foot 1961 Revel Cruiser, 90 hrs. on 185 hp Interceptor with velvet drive muffler, aqua clear feeder. Four wheel trailer, cradle. Sleeps 5, galley electric operated, stand-up head, all foam cushions, 2 helm seats, bow rails, fishing pole holders, compass, electric bilge pump, barometer, 8 day ships clock, boarding ladder, life jackets, anchor, lines, etc., bumpers, winter cover. \$3,600. Charles Bindel, Ext. 2389 or 281-9264.

OUTBOARD MOTOR - Scott Atwater 7½ hp. \$25. Lou, Ext. 2713.

RUNABOUT - 16 Foot yellow jacket runabout, 18 hp Johnson outboard motor, windshield, navy top and accessories. \$350. Keith Thompson, Ext. 2148.

CABIN CRUISER - 17 Foot, 60 hp Scott. Equipped. \$850. Ext. 322 or EM 3-6292.

CANOE - 15 Foot cedar-stripped canoe, fibre glass covered, weight 70 lbs. Made in Canada. \$80 with 2 paddles. Ext. 2263.

RUNABOUT - 18 Foot inboard runabout, 95 hp Chrysler Ace power. Boat painted and ready for water. Has seen little use, great for fishing and skiing. Only one at this low price of \$575 complete. LT 9-5755 after 6.

SLOOP - 17 Foot, completely fibre glassed. Reasonable. Call Ext. 2369 or GR 5-8073 after 6:00 p.m.

18 FOOT HARDTOP - 40 hp Scott, all electric. Fully equipped, \$750. GR 5-3494.

DUCKBOAT - 14' good condition \$85. Lucas, Ext. 2193.

19 FOOT PENN YAN - 1960 model with 75 hp Evinrude outboard motor. Fully equipped with many extras plus Holsclaw trailer, parking jack, and spare wheel. \$1800. Ext. 2588 or AT 6-8892 after 5:30 p.m.

14 FOOT CATBOAT - Old, heavy, stable, planked hull. New dacron sail. Motor well. Registered. \$100. J. Austin, Ext. 668.

BOAT & MOTOR - 12.5 foot plywood runabout with 18 hp Evinrude. Will sell together or separately. G. Warner, Ext. 2474 or PA 7-3825.

HOUSE - In Calverton. 6 rooms and bath. Located near Peconic River. Also 50x100' lot on river. Reasonable. Phone PA 7-1344.

HOUSE - 1½ story, Dayton Ave., Manorville (off Moriches-Yaphank Rd.). 4 Bedrooms, kitchen, living room, dining room, bathroom, full cellar, 2 car garage. On one full acre plot. Price \$10,600. Call Ext. 611, Mary or after 5 p.m. call 878-1583.

HOUSE - Port Jefferson (Harbor Hills). 4 bedrooms, 2½ baths, built-in kitchen, storms and screens. Private beach rights. Near school. Trees and shrubs. \$22,900. Ext. 2449 or HR 3-2281.

HOUSE - N. Brentwood area. Six room ranch, with attached garage. Storms and screens, two patios, gas fired hot water heat, fenced corner plot 96x100 ft., ¼ mile from L.I. Expressway exit. P. Ettari, 2407 or BR 3-6436.

BUILDING LOT - One mile east of Bellport village, near Great South Bay. 120x125 ft. plot with large trees. Call GR 5-8426 after 6 p.m.

PROPERTY - Heavily wooded building lot, ¾ acre at Tides on the Sound, Rocky Point. Custom homes only in this area. On cul-de-sac. Road paved with curb. Utilities at curb. 5 minute walk to private beach. Mike, Ext. 2718 or 2830.

PROPERTY - ¾ acre wooded lot, 200 ft. frontage. East Moriches. Price \$2600. Call 878-1583 or Ext. 611, Mary.

FURNITURE - Imported Danish, oiled teak. Large china cabinet (77"x59"x16"), buffet (54"x30"x17"). Fine furniture, high quality and in excellent condition. GR 5-7447 or Ext. 2908.

GERMAN SHEPHERD - All white, AKC registered, 18 months old with permanent shots. G. Warner, Ext. 2474 or PA 7-3825.

FORD 15" RIMS WITH TIRES & TUBES - Four. Will fit any year Ford. \$3.50 each or \$13 for all. Ext. 481 or LT 9-5757.

TV SET - Old but working, 19" RCA console model. \$20. Ext. 2348 or GR 5-8556, B. Nimmo.

LAWN MOWER - Jacobsen 21" lawn mower (Manor) with riding sulky and grass catcher. Must sell. Will sacrifice. LT 9-3269.

GERMAN SHEPHERD PUPS - Sire Champion Raps, beautiful black with tan markings. Healthy, wormed, permanent shots, AKC reg. Male \$150, Females from \$100. Phil Warner, Ext. 425 evenings 4 to 12 p.m.

MISCELLANEOUS - Necchi portable, excellent condition, \$45. Wrought iron table & chairs, \$15. 1953 Willys 4-door car, \$15. Desk, headboard, lamps, and rattan chair, reasonable price. Marble top cocktail table, \$25. File cabinets, 2 large size, reasonable. Two old mirrors, clothing, etc. Oval braided rug, \$5. Washing machine, \$10. Black modern couch, \$7.50. AT 6-1145 after 7 p.m..

AMATEUR EQUIPMENT - HX-10; SSB, CW, AM Transmitter with Shure 440SL mike, 275 watt matchbox, Heath SWR meter, dummy antenna, Bud LF-601 filter, all cables and manuals. Now on air all very good cond. \$450. GPR-90 Rcvr. with GSB-1 SSB slicer, speaker, phones, good cond. \$350. Complete station with very good LM-20 freq. meter, Vibroplex bug and spares for \$850. Phil Warner, Ext. 425 from 4 to 12 p.m.

CAR RADIO - Motorola 500, for 6 volt. Ext. 2774.

IRON - Electric steam and dry. ½ year use. Ext. 2774.

CAMERA - 35 mm Minolta A-2, F2.8 lens. \$25. Also electronic flash unit, Mecablitz model 100. \$15. A. Zeitlin, Ext. 359.

BABY CARRIAGE - Biltrite. \$10. Ext. 563.

TIRES - 6.70 x 15 with very low mileage, mounted on Ford wheels. Two left. Will sell singly or both. M. Strongson, Ext. 2926.

PIANO - Wurlitzer console piano, walnut finish. New this past Christmas. Sacrifice. Phone AT 6-9497 evenings from 5:30 to 7 p.m.

TRUNK - Steamer-wardrobe type. \$12. Fischer, Ext. 2373 or AT 9-0646.

LAMPS, TABLES - Pair of table lamps \$5. One walnut end table \$3. One occasional table \$3. One credenza covered in green vinyl plastic \$10. All in good condition. Call AN 5-0845.

C.B. TRANSCEIVER - Poly-comm senior 23 complete with mike, mobile mtg. bracket, AC & DC power cables. Built in 117 VAC & 12 VDC p/s, selective call, and meter that reads micro-volts. "S" units, RF power out, and percent mod. used about 15 hours. Asking \$300. F. Dimino, Ext. 2410 or HR 3-5304.

MARINE STOVE - 2 burner, stainless steel, alcohol, pressurized, like new, \$25. GR 5-7241.

WRENCHES - Snap-on, metric, short, box end wrenches, 9mm through 20mm. Snap-on, long, box end, 12x13mm. Snap-on, short, combination 12mm. 6 miscellaneous metric open end and box wrenches, Williams & Craftsman. Proto socket, ½" drive, 13mm, 14mm, 17mm, 22mm, and 27mm. All in excellent condition. \$20. Bobbie, Ext. 2179.

RADIO - AM-FM, Kent, used one year, \$20. Call Ext. 2774.

FOR RENT

HOUSE - 5 bedroom house, 4 bathrooms on sound beach, Riverhead. Now available, \$150. Call EM 3-7032.

APARTMENT - Furnished, 4 rooms, Bayport, \$115 per month includes all utilities. Phone HR 2-0753 after 5:30.

HOUSE - In North Patchogue, convenient to schools and shopping. Completely furnished, three bedrooms, kitchen, dinette, living room, fireplace, and two full baths. Large backyard, garage, washing machine, dryer. Available Aug. 16, 1964 to June 30, 1965. Phone GR 5-4038 after 6 p.m.

APARTMENT - 3 rooms and bath. \$95 per mo. includes all utilities. Call YA 4-6325.

HOUSE - Center Moriches, 2-block walk to new shopping center, school, library. Large kitchen, spacious living room with wall-to-wall carpeting, 4 bedrooms, laundry room. Call Ext. 2349.

WANTED

HOME - For German Shepherd female, 20 months, 90 lbs., black with red-tan, good with children, quiet, well behaved and somewhat shy. A fine pet for the right home, housebroken, all shots and papers. For information call Phil Warner, Ext. 425 evenings, 4 to 12 p.m.

POWER MOWER - 18 or 21 inch rotary power mower in working condition. Reasonable price. J. Nardi, Ext. 2326 or AT 9-3596.

SAND BOX - Please call Ext. 653.

SOAKY - Will trade two full current Colgate soaks for one old rocky squirrel soaky. Keith Thompson, Ext. 2148.

BABYSITTING JOBS - Young mother will babysit in own home. Daily or weekly. References if desired. YA 4-3853 after 5:15.

HOME - For a 9-month old Collie-Shepherd, spayed female, shots, housebroken. Big dog, needs room to run. Call R. Sperry, Ext. 2480 or SH 4-2950.

C.B. TRANSCEIVERS - 6, 12 volt or 110 A.C. Call Ext. 2387 or AT 6-8712 after 6.

TYPING - Typist would like to do typing at home. Call HR 2-1078 anytime.

HOME - Good home for 3-year old German Shepherd male, AKC, raised with three children. R. Hellens 439-2741.

DRUM - Second hand drum in good condition for a 14-year old member of school band. (Stand not needed) D. Bauer, Ext. 2507.

BABY STROLLER - Gustafson, Ext. 516.

HOME - For Boston Terrier, about 5 years of age. Loves children. Needs more companionship than present owner can give. Gertrude, Ext. 2342.

FURNISHED APARTMENT OR HOUSE - 2-3 bedrooms, June 1964 to Oct. 1965. North Shore Preferred. Rigbi, Ext. 7704.

FOUND

WATCH - Ladies gold watch found outside Bldg. 510.

GLASSES - Dark sun, found near Cafeteria.

GLOVE - Ladies long black.

Personnel Services - 3 Center Street