

the Bulletin Board

VOLUME 17, NUMBER 45

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AUGUST 11, 1964

JOHN W. CALKIN



It was with deep regret that the Laboratory learned of the death of Dr. John W. Calkin on August 4, 1964. Dr. Calkin had been with Brookhaven since January 10, 1961, and was Chairman of the Applied Mathematics Department at the time of his death.

MR. AND MRS. BOWLING LEAGUE

Several employees have expressed an interest in the proposed Mr. and Mrs. Bowling League, but a few more are needed to form a full league. Time for organizing all winter leagues is growing short; so if you are interested, don't let another week go by without calling Len Baker at Ext. 591. He will call a meeting in the near future to determine time, date, and place for the league to meet.

CHILDREN'S SUMMER PROGRAM

The Scavenger Hunt and Candy Find held as last week's special events were a big success. Articles ranging from a red left footed sneaker to a child's 4-year-old brother were included in the Scavenger Hunt, not to mention such things as a pair of slightly used chopsticks and 1 blue earring. The boy's team won and was awarded free cokes as prizes.

Five pounds of candy went to make up the Candy Find and was quickly devoured by 50 eager mouths.

MORE ON THE 1964 WITHHOLDING RATES

The July 21 edition of the BULLETIN BOARD featured an article concerning the reduction in individual income tax rates and modifications to the Sick Pay Exclusion contained in the 1964 Revenue Act. The article stated that, because of the two rates utilized in 1964 (18% from 1/1/64 to 2/28/64 and 14% from 3/1/64 to 12/31/64), some individuals might be left with a substantial tax liability at the end of the year.

The resultant deluge of questions and pleas for assistance has prompted us to publish these tables taken from the New York Times.

TAX LIABILITIES FOR SINGLE INDIVIDUALS USING STANDARD DEDUCTION (All income is from wages and salaries)

Income	1963 Tax	1964 Tax	1965 Tax
\$ 4,000	\$ 620	\$ 540	\$ 500
5,000	818	820	671
6,000	1,048	928	866
7,500	1,405	1,251	1,168
10,000	2,096	1,872	1,742
12,500	2,982	2,666	2,478
15,000	4,002	3,565	3,334
17,500	5,153	4,569	4,291
20,000	6,412	5,690	5,350

TAX LIABILITIES OF MARRIED COUPLES WITH TWO DEPENDENTS AND TYPICAL ITEMIZED DEDUCTIONS (All income is from wages and salaries)

Income	1963 Tax	1964 Tax	1965 Tax
\$ 5,000	\$ 300	\$ 247	\$ 220
6,000	456	380	340
7,500	720	621	564
10,000	1,196	1,054	976
12,500	1,664	1,480	1,380
15,000	2,213	1,980	1,847
17,500	2,772	2,487	2,322
20,000	3,410	3,065	2,858
25,000	4,821	4,341	4,032
30,000	6,420	5,779	5,377
40,000	10,188	9,090	8,537

TAX LIABILITIES OF TAXPAYERS WITH TYPICAL AMOUNTS OF DIVIDEND INCOME Married couple, two dependents, with typical itemized deductions

Total Income	Dividend Income	1963 Tax	1964 Tax	1965 Tax
\$ 6,000	\$ 120	\$ 279	\$ 215	\$ 190
10,000	182	1,171	1,014	937
15,000	520	2,170	1,926	1,804
25,000	1,742	4,721	4,249	3,976
50,000	5,743	14,294	12,806	12,156

(Continued on page 4)

CAFETERIA SPECIAL THURSDAY, AUGUST 13

Cucumber Salad in Sour Cream
Tossed Salad
Roast Beef
Potatoes & Green Peas
Cantaloupe
Beverage
\$.99

SWIMMING POOL SCHEDULE

The swimming pool will continue on its present schedule through Friday, August 28. During the month of September, the pool will be closed. An announcement will be made in the near future regarding its reopening in early October.

BERA FILM SERIES



8:30 p.m., Lecture Hall

Another outstanding film personality from producer-director Tony Richardson will be presented at the Lecture Hall on Thursday, August 13, at 8:30 p.m. with the showing of "The Loneliness of the Long Distance Runner."

The intriguingly titled picture introduces a screen find in Tom Courtenay, who plays the role of the runner.

Richardson, who established himself internationally with such hits as "The Entertainer," "Saturday Night and Sunday Morning," and "A Taste of Honey," was attracted on first reading to Alan Sillitoe's illuminating story of a youth who has a natural talent for running... mostly from the police... and a strong sense of individualism. As an original thinker whose previous "hunches" were noteworthy, Richardson knew of just the actor to spark cinematic life to the leading character in "The Loneliness of the Long Distance Runner." Critical acclaim for both picture and its young star substantiated his hunch and, thus, Tom Courtenay joined the ranks of Albert "Saturday Night and Sunday Morning" Finney and Rita "Taste of Honey" Tushingham as new major film personalities.

Avis Bunnage, Peter Madden, James Bolam, and Topsy Jane are featured in "The Loneliness of the Long Distance Runner," which Alan Sillitoe adapted for the screen from his original story.

"An excellent picture! Tom Courtenay is brilliant!" —THE NEW YORKER

FOLK DANCING

Don't miss out! There is folk dancing every Monday evening at the Recreation Building in the Apartment Area. The time is at 8:15, so come on out and join the fun.

BNL VISITORS

A group of Swedish mechanical engineering students visited the Laboratory on August 11.

POOL SPECIAL

For the Children - This Friday at 3:00 p.m. the annual Inner Tube Derby will be held. Bring your own tube.

PERSONNEL SERVICES

RECREATION OFFICE - 3 CENTER STREET
Daily 9:00 a.m. to 1:00 p.m.

Mets Tickets - Some tickets are still available for August 15, 16, 21, 23, and September 5, 7, 9, 22, 25, 27.

Ice Capades - Discount exchange coupons are now available for dates from August 27 through September 10.

Folk Music Festival - Discount tickets for the festival at Canoe Place Inn in Hampton Bays are available.

Long Island Arts Festival - 20% discount mail order coupons for the August performances at C.W. Post College may be picked up at the Recreation Office.

Jones Beach Marine Theatre and Mineola Playhouse - Discount exchange coupons are on hand.

Westbury Music Fair, Gateway Playhouse, Red Barn Theatre, and Tinkers Pond Theatre - 20% discount on reserved seats. Orders **must** be placed with our office in person at least 3 days in advance and accompanied by check.

Detailed Price Schedules Are Posted At The Office

Flashlights - A limited quantity are available for purchase at a 40% discount. Cost is \$.55 each.

World's Fair Guides and Maps - \$.80 ea.

Other Stocked Sale Items - Film, film processing, TV and radio tubes, RCA batteries, flashbulbs, balls (golf, tennis, soft), tennis rackets, athletic sox, badminton birds.

AROUND THE BASE PADS

by Bob Carciello

STANDINGS OF THE CLUBS

BROOKHAVEN LEAGUE

Team	W	L	Pct.
Blue Jays	11	3	.786
Medical	9	5	.642
Metallurgy	8	6	.570
Dirty Sox	7	7	.500
Cosmotron	6	9	.400*
Electronics	2	13	.133*

NATIONAL LEAGUE

Upton Downers	11	2	.847
Pappy's Poopers	8	3	.727
Old Timers	7	4	.636
Chamber Chaps	4	8	.333
Bubble Boys	4	9	.307
Phoubars	2	10	.167

LABORATORY LEAGUE

Kludge	12	2	.859
Patsareebies	10	4	.783
Odd Balls	9	6	.600
Mets	4	11	.266
Bankers	2	14	.137*

*Final Standing.
(continued on page 3)

FISHERMAN'S PARADISE

At the Recreation Building this Thursday

It would seem that all fishermen are plagued by the same dream, and with slight variations it goes something like this. He is fishing his favorite place, the line is irresistible, and the fish fairly fight to chew it up. Every cast finds him tied to that "big one" he knows has been eluding him all these years.

Well, we may not be able to make your dream come true; but with the help of the Rheingold Beer Company, your fishing contest committee will try to bring it a little closer. The date is Thursday, August 13, at the Recreation Building from 5-15 to 7:15. There is no admission charge, and unlimited refreshments will be furnished by Rheingold, as will some of the greatest action films on fishing you have ever seen. Plan to be there to watch the experts battle the big ones at BNL's Fisherman's Night.

Arrivals and Departures

WELCOME TO BNL

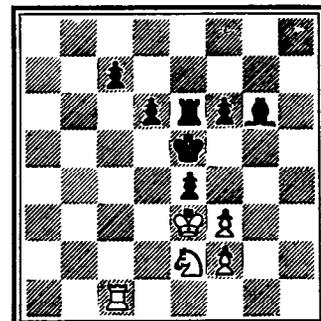
AGS		
Patricia A. Mitlehner		Ext. 664
APPLIED MATHEMATICS		
George A. Taylor		2589
Robert L. Uphoff		2549
MECHANICAL ENGINEERING		
Pierre Grand		2975
Francis T. McKiernan		2428
NUCLEAR ENGINEERING		
Marcia Teisch		593
PHYSICS		
Victor J. Emery		
SYSTEMS & ADMIN. DATA PROCESSING		
Frank G. Loy		7164

RECENT DEPARTURES

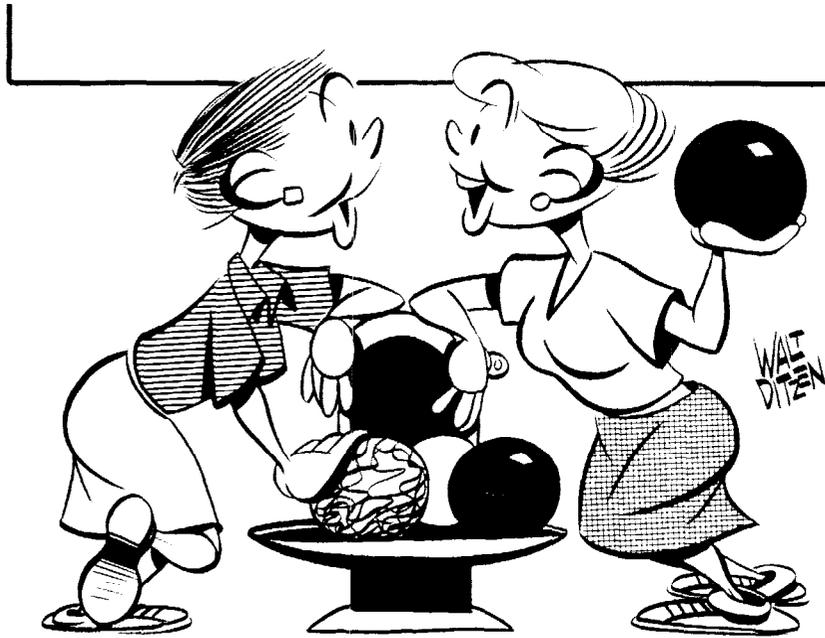
BIOLOGY
Rosemary A. Marciello

CHESS PROBLEM

In this week's diagram, it is White's move. Black is two pawn up on his opponent, but the Black king is choked in his own pieces and has only two squares to go to. Better set up the board for this one. Solution elsewhere in the BULLETIN BOARD.



WINTER BOWLING LEAGUES FORMING NOW



Preparations are underway for another big bowling season, one of the most popular forms of recreation at Brookhaven. Last year we had 53 teams in 6 leagues battling all the way for league trophies and the BNL championship. Bowling leagues are sponsored and supported by the Brookhaven Employees' Recreation Association and governed by an Executive Bowling Board made up of representatives from all leagues.

Preliminary information and team entry blanks have been sent out to last year's team captains. There are more entry blanks available at the Recreation Office. As before, entry priority will be given to teams which bowled in BNL leagues during the '63-'64 season. This priority will be good for the same league only, and at least 3 of last year's bowlers must be on this year's roster. Priority will expire on August 19, one week before the August 26 deadline for all entries. League openings for new teams will be assigned on the basis of the date that the entry is received. Full payment of \$3.50 for each bowler must accompany each team entry.

Last year we had a Monday and Wednesday Men's and a Tuesday Ladies' League at Maggio's in Patchogue, and a Tuesday and Wednesday Men's and a Tuesday Ladies' League at Port Jefferson, all starting at 6:00 p.m. These can be changed or new leagues started if there is sufficient demand.

Now is the time for all good bowlers to get a team together. Rosters can contain from 5 to 10 bowlers for men's leagues, 4 to 8 for ladies' leagues. Entry blanks are available at the Recreation Office. The earlier you enter, the better your chance to get the league of your choice.

DAVIS-LONDERGAN MEN'S DOUBLES CHAMPIONS

In the finals of the 1964 Men's Doubles Tournament held this past Thursday, the team of Ron Davis and Tim Londergan proved too much for the veteran team of Al Auskern and Walt Merkle.

Combining powerful service with an outstanding net game, Davis and Londergan completely dominated the first set 6-1. In the second set, it appeared that Auskern and Merkle were coming to life; however, despite their gameness, they lost the second set and match 6-4.

Trophies were awarded to the champions by George Sabine on behalf of B.E.R.A. A special note of thanks to Les Lawrence, Don McKenzie and Ben Klein for their fine officiating.

Men singles finals Thursday 5:15 - Our two semi-final matches are being played at this writing to determine our finalists.

Auskern who defeated Gunzik 6-3, 8-6, and Klein 6-2, 6-1 will be meeting Perrett who has won over Kevey 6-4, 6-1, Merkle 6-3, 12-10, and Bailen 6-1, 6-0.

Londergan who upset Brandon 6-1, 6-2, and Elmore 6-2, 6-0 will take on Bookless who overcame Collins 7-5, 6-1 and Davis 6-4, 11-9.

SOLUTION TO CHESS

White wins with:

- | | |
|-------------------------------------|---------------------|
| 1. P-B4 check if | 1. K-B4 White plays |
| 2. N-Q4 check winning the rook so | 2. K-Q4 |
| 2. P-B5 a good move and a sacrifice | 2. BxP |
| 3. N-B4 Check | 3. K-K4 |
| 4. R-Q1 threatening mate by R-Q5. | 4. P-B3 |
| 5. R-Q5 Check, | 5. PxR |
| 6. N-Q3 check | 6. PxN |
| 7. P-B4 mate. | |
- Black has only one move now to stop mate by

AROUND THE BASE PADS

(continued)

Medical is the first team to win a season's series from the Blue Jays (2-1), however, recent losses by the Medics to Cosmotron and Dirty Sox knocked them out of the race and gave the Birds their third straight Brookhaven League pennant.

The Upton Downers have come a long way from last year's final standings and have a good chance of winning the National League. They wrap up season's play with a double header against the Phoubars. This twin bill could make, hurt, or break the Downers' pennant chances.

The situation is similar in the Laboratory League. Kludge has the advantage over the Potsareebies when these two teams clash in a double header. A twin win for the jolly Pots will send them and Kludge into a play-off.

All in all, the three league results should be final after four double headers are finished this week.

CLASSIFIED ADS

CARPOOLS

RIDE - Needed from Merrick, Bellmore, Wantagh area. R. Monaco, Ext. 2198.

DRIVER - Wanted to complete 5-driver carpool from Blue Point. C. Bedell, Ext. 2191.

DRIVER - Wishes to join carpool to Wading River. D. Finkelstein, Ext. 7789.

DRIVERS - 2 or 3 to join existing carpool from Babylon, Lindenhurst, W. Islip area. B. Crockett or G. Meinken, Ext. 2200.

RIDER - Would like to join carpool from Lake Ronkonkoma. T. Ferrerio, Ext. 2240.

DRIVER - Interested in joining or starting carpool from vicinity of S. Haven Ave., Medford. E. Willis, Ext. 2826.

DRIVER - Wanted for carpool from Sayville area. J. Smolski, Ext. 7782.

WITHHOLDING RATES - (continued)

**INDIVIDUAL INCOME TAX RATES UNDER FORMER LAW
AND THOSE PROVIDED IN THE NEW LEGISLATION**

Taxable Income (after deductions and exemptions) for Married Couple Filing Joint Return*	1963 Rates, %	New Rates	
		% for 1964	% for 1965
Under \$1,000	20	16.0	14
1 to 2,000	20	16.5	15
2 to 3,000	20	17.5	16
3 to 4,000	20	18.0	17
4 to 8,000	22	20.0	19
8 to 12,000	26	23.5	22
12 to 16,000	30	27.0	25
16 to 20,000	34	30.5	28
20 to 24,000	38	34.0	32
24 to 28,000	43	37.5	36
28 to 32,000	47	41.0	39
32 to 36,000	50	44.5	42
36 to 40,000	53	47.5	45
40 to 44,000	56	50.5	48
44 to 52,000	59	53.5	50

*For single individuals, the tax rates given for married couples apply to one-half the amount of income.

FOR SALE

1959 PLYMOUTH - 2 door sedan, std. trans., 6 cyl., good transportation. \$395. J. Frizzola, Ext. 458.

1960 MERCURY - 2 door, black sedan with white top, r/h, w/w's, 8 cyl., std. trans. Must sell. \$750. Ext. 2473.

1964 CHEVROLET - White hardtop with red interior & bucket seats, ps/pb, r/h, w/w's. Asking \$2,950. MA 9-4929.

1956 PONTIAC - Convertible with pb/ps. In good running cond. Body good. S. Andrus, 941-3738 after 6.

1963 MGB - Black with red interior, wire wheels, immaculate cond., reasonable. Peg, AT 6-1127 after 5.

1960 CADILLAC - White with red interior, convertible, exceptionally good cond. Will sacrifice. Doug, AT 6-1127 after 5.

1949 PLYMOUTH - Exceptionally good cond, 4 new tires, new clutch, new trans., recent valve job. Must sell. Asking \$150. John, AT 6-9199 after 6.

STOCK CAR - 301 Chevy powered. Excellent buy for racing enthusiast. Only asking \$350. Engine value almost twice the above asking price. R. Ostrom, Ext. 2304 or 281-7665.

1962 MGA - Roadster, wire wheels, r&h, ex., hard top. \$1675. Barlow, Ext. 2871.

1963 OLDSMOBILE F-85 - Cutlass, 2 door coupe. R/h, V8 automatic, w/w's, ps, bucket seats, white with red interior. 8,000 miles. Asking \$2,295. S. Wollmers, Ext. 2912 or GR 5-7217 after 5:30.

1956 FORD - T-Bird engine, new mufflers & tailpipes, r/h, excel. running cond. \$200. Ext. 2203 or AT 6-0866 after 6.

1955 OLDSMOBILE - Sedan, fair cond. \$65. Ext. 2881.

1957 PLYMOUTH - Station wagon, auto. trans., ps/pb, good tires, new brakes. Car in exceptionally good cond. \$475 firm. Ext. 367.

1955 CADILLAC - Excel. cond. 2 new tires. \$385. J. Costanzo, Ext. 548 or AT 9-0876.

1956 MERCURY CONVERTIBLE - New custom top, 4 good tires, converted over-drive stick shift transmission, white with black trim. All power brakes, windows, seats, etc., Call Bob Milowski, Ext. 2191 or MA 9-4112 after 6 pm.

18' INBOARD - Lyman Islander, 60 hp Chris Craft inboard (6 yrs. old). Cabin, accessories. In water, ready to go. \$500. Mac, Ext. 7776 or 2315.

16' SAILBOAT - Comet class, hull fiberglass over western cedar, single planked, s/s rigging, hard dacron sails, dacron lines. Excel. cond. \$500. Ted, Ext. 2543.

19' SAILBOAT - Lightning. In the water & ready to go. Dostrovsky, Ext. 617 or HR 2-1174.

24' CRUISER - 1953 Chris Craft. 145 hp engine recently overhauled. 2 bunks, head, galley, all std. equipment. \$2,000. J. Schluter, Ext. 2800.

12½' RUNABOUT - Custom made, plywood construction. 3 years old, in excel. cond. G. Warner, Ext. 2474 or PA 7-3825.

18' SPEEDBOAT - Garwood, in water, Chrysler marine engine, 115 hp, just rebuilt this spring. Engine run about 10 hours. \$825. JA 2-4865.

16' SNIPE - Hull, main, spars, rigging good cond. Jib poor. \$175. T. Honnett, Ext. 577.

18' CRUISER - 1960 Lap-Streak construction, 75 hp Mercury outboard. Elec. starter & controls, 12 volt battery. \$875. Ext. 360.

HOUSE - 2 bedrooms, living room, kitchen, modern bath, breezeway & garage. All furnished. Storms & screens. 75x110. Oil hot water heat. \$8,000. GR 5-0087.

HOUSE - Modern 3 bedroom ranch with garage, completely equipped kitchen, screened porch, game room, fireplace. Wooded lot 120x300 near water front on Beaver Dam Road in Brookhaven. AT 6-1155.

PROPERTY - Heavily wooded, ¾ acre, street paved with curb. 5 minute walk to private north shore beach. M. Rothbart, Ext. 2718 or 2830.

COTTAGE - 3 rooms with garage. Fully equipped. 15 min. from Lab. Near shopping & transportation. Reasonable. Mastic area. Ext. 360.

LUGGAGE - 22" Flite-Line lightweight wardrobe bag. Cost \$25. Used twice. Sell \$15 firm. Smitty, Ext. 2806.

BOATING ACCESSORIES - Portable storage stand for outboard motor, \$6. Bronze propeller for 35 hp Evinrude, \$8. 6 gal. gas tank, \$6. Polyethylene bilge pump with extension, \$3. C. Brewster, Ext. 2269.

1963 MOTORCYCLE - Parilla Wildcat Scrambler, like new. 125 cc 4 cycle engine with 5 interchangeable sprockets. \$350. G. Roeser, Ext. 393.

CLIMBING BOOTS - Padded, made in Italy. Size 12 C-D. Like new. \$10. A. Wolf, Ext. 7732.

HOBBY HORSE - Used 1 year, good spring. \$4. Ext. 7644.

STEREO SET - Westinghouse, 9 months old, \$75. Ext. 2803 or 7718 after 6.

ROOF CARRIER - Grey, excel. for use on beach buggies. \$10. EM 3-6527.

MISCELLANEOUS - Freezer, upright 12 cu.ft. new cond., \$165. 25" Rotary power mower, used 2 seasons, \$25. Love seat, antique, like new, \$65. End tables, 2 step type, mahogany, excel. cond., both \$10. J. Eichacker, Ext. 471 or 941-4257.

MISCELLANEOUS - Custom dinette set like new, \$65. Crib, good cond., \$25. Car bed carriage & mattress, \$8. Portable folding crib & mattress, \$15. Red leather glass top coffee table, dark mahogany, \$15. F. Enright, Ext. 2390.

IRONER - Console, 3 heat settings, knee control, used twice, \$50. Also 2 boys 26" bicycles \$5; and storm sashes, 6, wooden, many uses. Just pick them up. EM 3-6527.

PHONOGRAPH - Webcor portable, has 2 3" & 1 6" speakers. \$50. Also UHF TV converter, \$13. J. Van't Hof, Ext. 315.

PORTABLE TYPEWRITER - Remington, used only few hours, \$50. Ext. 367.

MISCELLANEOUS - Bassoon, reasonable cond., \$125. Girl's English bike, good cond., \$25. Baby stroller, \$10. Detecto baby scale, like new, \$8. Antique andirons, \$5. N. Delihis, Ext. 2919 or HR 3-5635.

KITCHEN CABINET - All formica, mink walnut body, white counter top, 2 drawers, 2 doors, 3' long, 3' wide, 2' deep. \$50. Allen, Ext. 2249 or 7100.

STEREO ALBUM - Light classical music, never used. \$15. Ext. 322.

MAINSAIL - Dacron for gaff rig, used once. Reasonable. M. Greene, Ext. 7779 or AT 6-0237 after 5:30.

SNOW TIRES - 2 for Simca. 5.60x14, nylon, tube type, 5,000 miles use. No tubes provided. \$22. George, Ext. 2370.

SHOWER DOORS - Sliding glass for bathtub. Up to 64" between walls. Excell. cond. \$15. Ext. 2959 or AT 6-0295.