

1976 AUI Scholarship Winners

Twelve students, the sons and daughters of Brookhaven employees, have been awarded AUI Trustee Scholarships beginning in the fall of 1976. The winners are:

Gina Caiazza, daughter of Emil Caiazza in Photography and Graphic Arts, attends Miller Place High School and is a resident of Miller Place. She will be off to Hunter College in the fall.

Katherine Chrien, is the daughter of Robert Chrien, Physics Department, and is a resident of Bellport. She is a student at Bellport High School and plans to attend Brown University in the fall.

Erin Donnelly, the daughter of John Donnelly, Accelerator Department, is a student at Rocky Point Junior-Senior High School and lives in Rocky Point. She has elected to attend Indiana State University.

Ian Lindevald, the son of Ernst Lindevald of Central Shops, is a senior at Sachem High School and lives in Holbrook. He will attend Gettysburg College.

Migdalia Flores, the daughter of Ernesto Flores, Plant Engineering, is a student at Brentwood High School and lives in Bay Shore. She will be off to Cornell in September.

Pamela Montag, the daughter of Martin Montag, Reactor Division, attends Mercy High School and is a resident of Riverhead. She plans to enter Cornell.

Fredrick Olness, is the son of John Olness, Physics Department, lives in Stony Brook and attends Ward Melville High School. In the fall he plans to attend Duke University.

Anne Remsberg, the daughter of Louis Remsberg, Chemistry Department, is a student at Bellport High School and lives in Bellport. She has not yet made her choice of college.

Edward Schwarz, the son of Harold Schwarz, Chemistry Department, is a resident of Bellport and attends Bellport High School. After graduation he plans to go to Princeton.

Kathryn Scott, the daughter of William Scott, Medical Department, is a senior at E.L. Vandermeulen High School and lives in Wading River. She is going to attend Wake Forest University.

Ann Weeks, the daughter of John Weeks, Department of Applied Science, lives in Stony Brook and attends Ward Melville High School. She will enter Boston University in the fall.

Barbara Weston, the daughter of Ralph Weston, Chemistry Department, is a resident of Brookhaven and attends Bellport High School. As the Westons are on vacation, it could not be determined where she plans to go in September.

The scholarships provide \$900 per year, for up to four years and may be used to defray expenses such as tuition, fees, lodging and board, and other expenses directly concerned with the student's education. In this, the eleventh year of the awards, 84 students competed for the scholarships. The winners were selected by an independent committee appointed by the Educational Testing Service which administers the program for AUI. Two additional scholarships were also awarded by AUI to children of employees of the National Radio Astronomy Observatory, Brookhaven's sister laboratory.

Public Sale Of Motor Vehicles

Twelve (12) vehicles, located at Warehouse T-87, will be available for Public Sale.

Inspection will be permitted from May 10 through May 14, during the hours of 9 a.m. to 4 p.m., except Saturday and Sunday.

Bids will be opened on May 18, 1976, at General Services Administration, Business Service Center Bid Room, 26 Federal Plaza, New York, N.Y.

This will be an informal competitive bidding. Bid forms may be obtained at Buildings 87 and 211. For further details, please call Extensions 2302 or 2977.



Ann Weeks



Edward Schwarz



Anne Remsberg



Migdalia Flores



Ian Lindevald



Barbara Weston



Erin Donnelly



Katherine Chrien



Kathryn Scott



Pamela Montag



Gina Caiazza



Fredrick Olness

Twice Observed

The discovery of a hitherto unseen neutrino reaction has been made in two separate experiments at the AGS. One is a Columbia University-University of Illinois-Rockefeller University collaboration. Both experiments were performed in the neutrino beam line at the AGS.

The reaction observed was the elastic scattering of a neutrino on a proton, where no other particles were produced. This reaction is one of the simplest examples of a general class of neutrino interactions, called neutral current interactions. Neutral current interactions differ from ordinary neutrino interactions in that the scattered neutrinos are not transformed into muons. More complex neutral current reactions have been observed by many groups over the past few years, including the present collaborators and a BNL group headed by N. Samios using the 7-foot bubble chamber.

This reaction, however, has eluded in-

vestigators because of the large number of other processes which can simulate such a collision. Measurement of this elastic neutral current reaction is of particular interest because of its simplicity, and it can therefore be used as a sensitive test of theoretical models of how neutrinos interact with matter through the neutral current.

The Columbia-Illinois-Rockefeller group announced their results at a meeting at Vanderbilt University last month and they have since submitted their results for publication. The Harvard-Pennsylvania-Wisconsin group announced their results this week at a conference at the University of Wisconsin and have also submitted their results for publication.

The investigators involved in one experiment were W. Lee, E. Maddry, P. Sokolsky, and L. Teig from Columbia University; A. Bross, T. Chapin, L. Nodulman, T.A. O'Halloran, and C.Y. Pang from the University of Illinois; K. Goulianos and L. Litt from Rockefeller University.

The other group of experimenters in-

(Continued on page 2)

ERDA To U.S.: Conserve Energy

In the first update of its national energy plan, ERDA has placed greater emphasis on conservation of energy as an immediate national goal. A revision of "A National Plan for Energy Research, Development & Demonstration: Creating Energy Choices for the Future" was released Monday.

The stress on conservation is the principal change in the original Plan issued June 30, 1975. In singling out conservation as a national priority the ERDA Plan states that, in general, "energy conservation has a beneficial effect on the environment . . . Capital requirements to increase energy use efficiency are lower . . . Conservation technologies can be implemented at a faster rate . . . it typically costs less to save a barrel of oil than to produce one through the development of new technology."

ERDA Administrator Robert C. Seamans, Jr. said, "Conservation also will help provide time for the Nation to develop, as it must, new energy sources to replace our finite and dwindling supplies of oil and gas which now account for more than 75 per cent of our energy."

In the long run - from the year 2000 on - three potential replacements for oil and gas are envisaged: solar electric energy, nuclear fusion and the fission-type breeder reactor.

Until these technologies are perfected, the report states that it will be necessary to rely on coal, conventional nuclear power and greater recovery of oil and gas from new and existing fields, increase the use of solar heating and cooling systems and geothermal resources, and develop oil shale and coal conversion to liquids and gas.

The 122-page ERDA report emphasizes that "the private sector and market forces are the most efficient means of achieving the Nation's energy goals," and that the role of the Federal Government is supplementary.

SUNY Math Registration

Advanced registration for the fall term of the Stony Brook/BNL extension program in Applied Mathematics for new and continuing students will be held on Tuesday, April 27 from 10:00 a.m. to 12 noon in the conference room of the Radiation Division, Bldg. 318.

Courses in Applied Mathematics to be given at BNL are: MSA 506 Finite Structures (combinatoric and graph theory) on Tuesdays, 5:30 to 8:00 p.m.; and MSA 571 Statistics II on Wednesdays, 5:30 to 8:00 p.m.

Professor Daniel Dicker and Mrs. Esther Weitzman will be present to register students and to advise them concerning their course plans.

Official & Special Events

Sunday, April 25

Daylight Savings

Monday, April 26

ERDA Hydrogen Energy Program Information Meeting (26-27)

Tuesday, April 27

University of New Brunswick Tour

Queens College Tour

Wednesday, April 28

Navy Meeting

American Industrial Hygiene Association Tour

Thursday, April 29

Suffolk County Science Supervisor's Association Tour

Medical Department Visiting Committee (29-30)

Monday, May 3

Physics Department Visiting Committee (3-5)

ERDA Operational Safety Meeting

Wednesday, May 5

ERDA Contractors Personnel Conference

Thursday, May 6

Concert

Sign Up for Open House



Assistant Director R.C. Anderson models boater to be worn by Brookhaven personnel who will guide visitors, provide information, and man exhibits at the Energy Fair and Open House May 12-16. Volunteers are needed for this 5-day exhibition. Please volunteer your services. Call Dorothy Schroeder on extension 3327.

A Hot Finish

The temperature was a record-breaking 94° when 1800 men and women took off in the 26-mile, 385-yard invitational Boston Marathon. Among the 1100 stalwart souls who finished were two members of the Brookhaven community, Gus Prince, who placed second in his category with a time of three hours and 23 minutes, and Vinnie Racaniello's daughter, Annette, who finished in approximately four hours and ten minutes. This was the first year that women were allowed to participate.

Gus Prince is already thinking of next year. He hopes to bring his time down to two hours and fifty minutes, quite an achievement in the over-40 category and, for that matter, in any category. The fastest time on the course this year was two hours, 20 minutes and 19 seconds, run by a 27-year old.

The race is generally run in milder temperatures and this year's heat hospitalized about 30 runners overnight. According to Steve Amoretty, who was in Boston to give Gus "spiritual encouragement," the whole scene looked like a M*A*S*H unit. Amoretty described the day as unique in the camaraderie displayed by the people who lined the route of the race from outside Boston to the Prudential Building downtown. They showered the exhausted runners with water from their garden hoses to refresh them and shouted encouragement.

Runners' Corner

Please don't forget to return the forms for the BNL Relay Race to be held on May 9. We are not looking for superstars, just participants. If you can run 10, 5, or 2.76 miles we need you to complete the teams. All teams will be handicapped according to expected performance. Don't worry about whether you are slow or fast; just join the fun.

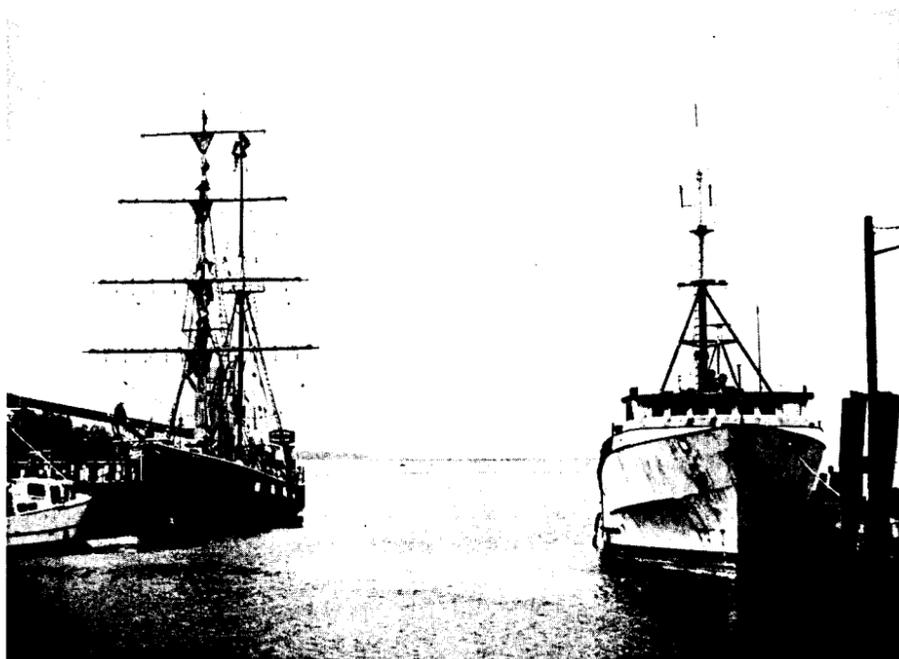
Applications can be obtained from and should be returned to Bill Thomlinson, Building 510B, extension 3978. The deadline is April 26, so that we have time to organize the teams.

—Bill Thomlinson

Brookhaven's Sailors



From left to right, Bob Sick, Dave Judkins and Dominick Ninivaggi check out zooplankton pump device on board *Palumbo*.



Bound for an area off Tiana Beach, an oceanography group from DAS set sail this week on the ERDA research vessel *Palumbo* (right) from Port Jefferson Harbor. (At left is the much publicized ferrocement schooner *Enchantress*). They will rendezvous with *Eastward*, the Duke University ship, which has other Brookhaven scientists aboard and sailed from the Brooklyn Navy Yard on Monday. The two groups will be studying the productivity of the lower trophic levels in the New York Bight area. They expect to be at sea about three weeks.

Stony Brook Events

Friday, April 23

Performance: Electronic music concert at 8:30 p.m. in the SUNY Stony Brook Lecture Center, room 105.

Lecture: "Black Holes: Do They Exist?" by Professor Philip Solomon, at 8:00 p.m. in the SUNY Stony Brook Earth and Space Sciences Building, room 001. Audience viewing of constellations through the University's small telescopes will follow (weather permitting).

Saturday, April 24

Performance: "Mostly from the Last Decade" contemporary music at 8:30 p.m. in the SUNY Stony Brook Lecture Center, room 105.

Concert: "Paula Lockhard and Friends" performing swing, blues, barrelhouse, and jazz at 9:00 p.m. in the Stony Brook Union Ballroom.

Sunday, April 25

Recital: Performance by soprano Deborah Meyers at 7:00 p.m. in the SUNY Stony Brook Lecture Center, room 105.

Tuesday, April 27

Lecture: "Nuclear Transplantation in Somatic Body Cells," by Professor Joseph Kates, Chairman of SUNY Stony Brook's Department of Microbiology, at 8:00 p.m. in the SUNY Stony Brook Lecture Center, room 111.

Film: "And Now for Something Completely Different" at 8:00 p.m. in the Stony Brook Union Auditorium.

Recital: Performance of cello music by Michael Williams at 8:30 p.m. in the SUNY Stony Brook Lecture Center, room 105.

Friday, April 30

Play: SUNY Stony Brook's Theatre Arts Department presents Eugene O'Neill's "Ah! Wilderness," directed by Professor William Bruehl. Performance nights will also be May 1, 2, 6, 7, 8, 9, at 8:00 p.m. in the Calderone Theatre, Building B, SUNY Stony Brook South Campus. Admission: \$2.50 for general public, \$1.00 for senior citizens and students. For reservations, call 246-5681.

Arrivals & Departures

Arrivals

- Pilar Alverio.....Plant Engrg.
- Richard J. Hanney.....Applied Math.
- Yutaka Ishi.....Medical
- Charles J. Ruger.....Applied Science
- Hiroshi Takahashi.....Applied Science

Departures

- Raymond J. Fox.....Ph. & Gr. Arts
- Frank J. Raska.....Central Shops
- Charles W. Schmidt.....Central Shops
- Jacob C.Y. Wu.....App. Math.

Twice Observed

(Cont'd)

cluded W. Kozanecki, C. Rubbia, J. Strait, and L. Sulak from Harvard University; A. Entenberg, A.K. Mann, and H.H. Williams from the University of Pennsylvania; and D. Cline and D.D. Reeder from the University of Wisconsin. Both groups plan to continue their investigations.

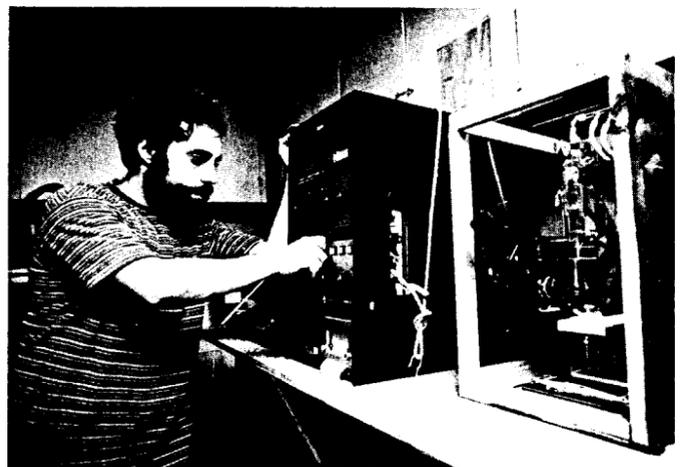


Alexander Pendzick, Accelerator Department, who acted as liaison engineer, at the site of the two experiments.

Trip To New York City

The Hospitality Committee is planning a group railroad trip to the city on Wednesday, May 12. Departure will be at 8:59 a.m. from the LIRR station in Patchogue. The round trip fare for adults is \$2.45; children under 6 years ride free.

Reserve a ticket by sending your fare first class mail to "City Trip", P.O. Box 322, Upton, N.Y. 11973 no later than May 6.



Below decks, David Grill sets up a Coulter counter used in grazing experiments with zooplankton.

April Service Awards

The following employees will receive service awards during the month of April.

Twenty-Five Years

- Dorothy K. German Saf. & Envir. Protec.
- Julius B. Godel Mechanical Engrg.
- Clifton P. Hulse Plant Engrg.
- Bernard F. McLaughlin Accelerator
- Lawrence Schiro Central Shops
- Ronald Smith Accelerator

Twenty Years

- Carl I. Anderson Applied Science
- Margaret Dienes Tech. Information
- Elizabeth B. Mill Supply & Materiel
- Charles R. Staal Accelerator
- Frank R. Thomsen Applied Science
- David. R. Wales Applied Science

Ten Years

- Robert Barone Applied Math.
- Andrew T. Como Applied Math.
- William P. Costello Purchasing
- Otto Kochman Mechanical Engrg.
- Ernst P. Lindevald Central Shops
- Bruce D. MacLeod Supply & Materiel
- Bruce A. Martin Applied Math.
- Doris J. Pion Medical
- Samuel J. Strelecki Plant Engrg.
- Lawrence E. Toler Accelerator
- Ralph A. Trondle Applied Math.

BROOKHAVEN BULLETIN

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Letters To The Editor

To the Editor:

I wish to express my most sincere appreciation to Brookhaven Laboratory's security force for their assistance in locating me following the death of a very close friend. The person trying to contact me was extremely impressed by their performance. I am very grateful.

Stephen Nicolosi

Rambling Around

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

- Sexism is reaching dizzying heights. It was recently reported that a California professor of biology, Susan Zimbleman, changed her name to Susan Zimblewoman. A reader suggested that it would really have been more on target to have changed it to Susan Zimblewoperson.

- The following item reprinted from the *Ragan Report*, a communications weekly, makes most scientific papers seem like models of clarity:

An addendum to the chairman's analysis of economic conditions went like this: "The U.S. economy is improving. The rate of increase of the decrease in employment has decreased. This, coupled with a decrease in the rate of increase of inventory liquidations suggests an increase in the already evident increase of forward commitments which in turn suggests a general slowdown of the downturn with a slightly perceptible upturn of the downturn now occurring or about to occur. If you are concerned about the low level of the economic indicators today, you should be - but remember - an upturn only occurs at the bottom of a downturn."

- BNL's name takes many mysterious forms in mail sent to employees here. For instance, a letter was recently addressed to Burk Haven N Lab, another to Brook Natural Lab. But the most mysterious of all is how a copy of the Congressional Record got from Washington to Dr. Leland Haworth, a regular subscriber, with absolutely no name or address on it.

CREF Unit Values

1975

January	\$30.67	February	\$32.80
March	33.77	April	36.12
May	38.07	June	39.88
July	36.81	August	35.86
September	34.31	October	35.89
November	36.61	December	36.34

1976

January	\$40.31	February	\$39.76
March	\$40.75		

Cafeteria Menu

Week Ending April 30, 1976

Monday, April 26	
Cream of Mushroom Soup	
Chicken a la King on Rice	1.10
Cheese Omelet & 1 veg.	1.00
Tuesday, April 27	
French Onion Soup	
Chinese Pepper Steak on Rice	1.25
Roast Fresh Ham & 1 veg.	1.30
Wednesday, April 28	
Split Pea Soup	
Breaded Flounder Filet & fr. fr.	1.15
Special	
Spaghetti w/Meat Sauce & Garlic Bread	
All You Can Eat	\$1.00 plus tax
Thursday, April 29	
Cream of Chicken Soup	
Beef Hash & 1 veg.	1.10
Veal Pattie Parmigiana & 1 veg.	1.20
Friday, April 30	
Fish Chowder	
Broiled Filet & 1 veg.	1.10
Boiled Pastrami w/mustard sauce & 1 veg.	1.25

Bowling News

Cathy Van Noy

Pink League

Week of April 6 the "Pinsplitters" are still holding their lead with the "Spares" a close second. High games for the evening were Cathy Van Noy 171-183, Sue Vander Kolk 179, Marie Susa 175, Alice Alberico 170, Marge Stoeckel 171-155, Doris Pion 170, Helen Keeley 169, Rosalie Piccione 161, Charlotte Schutte 158, Kay Conkling 157, Grace Fales 156, Renie Rosati 153, Colleen Holland 151 and Pat Oster 151. Week of April 13 the "Pinsplitters" hit the magic number to win the third third giving them two league wins. Congratulations to the "Pinsplitters". High games for the night were Grace Fales 180, Renee Flack 178, Marge Stoeckel 168-161, Cathy Van Noy 160-196, Marie Brenner 160-154, Dorothy Marelli 159-153, Helen Keeley 159, Renie Rosati 155, Pat Oster 154, Alice Alberico 154, Diana Bartelt 154, Fran Brown 153, Marie Susa 152-160 and Sue Vander Kolk 150.

Black N Blue League

Going into the home stretch the week of April 6th finds the "Good Guys" with a 5 point lead over the second place "Question Marks". High games were John Ferrero 207, Laura Genovese 164. High game pots were won by John with a 234 and Laura 229 gross. The oldest bowling ball in active use is owned by Al Laurine. He has a two hole ball which is 40 years old and still going strong. "Congrats" to John Erikson for his good showing in the BNL tournament held in February. Of 56,213 bowlers participating, John placed 70th. High games for the week of April 14th were Fred Hohmann 214, Dick Murgatroyd 210, Charles Tomesch 202, Claudia Tyler 172 and Pat Lebitski 165. Bill Genovese made a beautiful conversion of the 4-7-10 split.

Red League

The "Sandbaggers", "Lucky Strikes" and "Neutrons" all took eleven points and the "Designers" and "Old Timers" both dropped eleven. The way teams keep changing positions it's still anyone's game. Fred Hohmann had a nice evening with a 211-208-671. C. Buzzeo missed his 600 scratch again with a 213-584. High for the evening were S. Kiss 212, J. Ferrero 207, J. Scesny 204, R. Vignato 203 and R. Jones 201. The week of April 13th was good for the "Old Timers" as they moved into first place with a one point lead over the "Sandbaggers" who have dropped into second. We should have a very interesting position night. 200 games were R. Adams 224, C. Bohnenblusch 209-667 gross, E. Meier 209, R. Wilson 204, R. Meier 203, W. Kollmer 202, H. Frei 201-201 and J. Ferrero 201.

Green League

Week of April 6 found the "Got-A-Hit-Ums" still maintaining the first place lead but the "Charley Browns" and "Blue Jays" each took eleven to close the gap. 200 games were R. Eggert 200, F. Stahman 200, H. Marshall 202 and R. Sick 211. The Century award goes to L. Jacobson the week of April 13th for rolling a 274-626 and 710 gross. Lou also bowled 109 pins over average. The "Got-A-Hit-Ums" are still holding first place with the "Charley Browns" only out by 1 1/2 points. 200 games were G. Meinken 205, F. Stahman 210, F. Abbatiello 216 and G. Speidell 218.

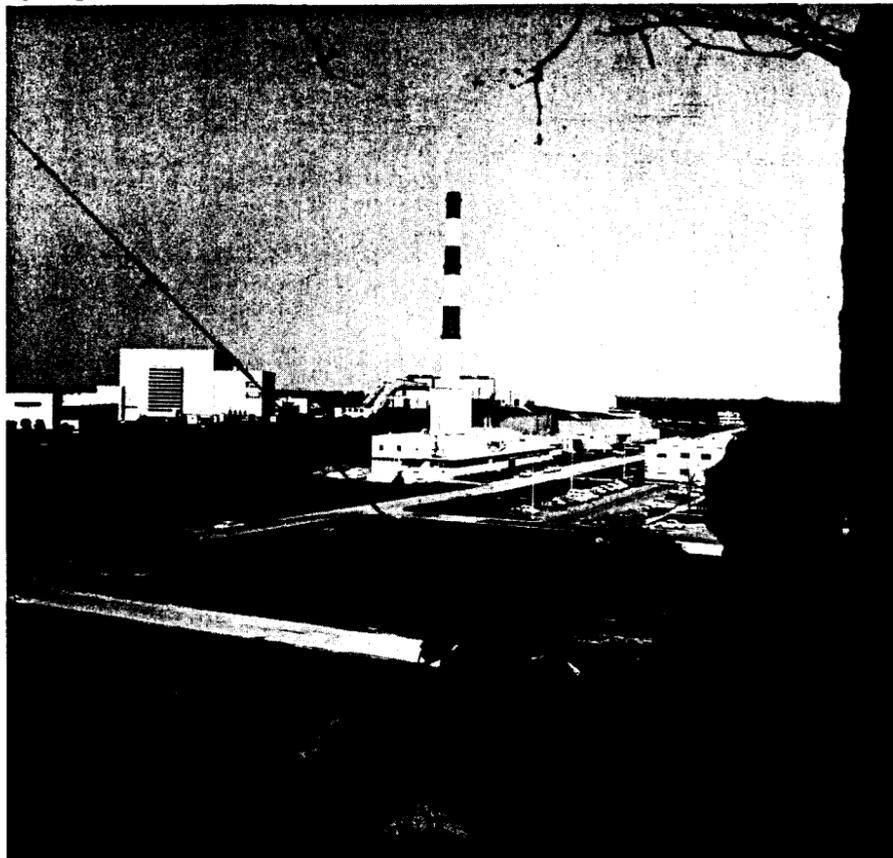
Purple and White League

The "Alley Oops" are holding a three point lead over the second place "Flounders". High games were Linda Asselta 174-476 and 653 gross, Gail Thompson 213 which is a new league high for the women, Betty Roche 167, Jon Scott 255-584 which is a new high game for the men, Jim Petro 215 and Ben Belligan 194-560. The week of April 15 finds the "Alley Oops" still maintaining first place with a 29-6 record. The "Flounders" are giving a good chase as they are behind by only 3 points. High games were Alma Tomesch 150-406, Charlie Tomesch 201-211-578, Ben Belligan 230-565 and Art Lippman 220-549.

Highlights From Women's Industrial Tournament

After the first week of bowling the BNL team was 10th in the standings and 5th in the incentive division. High games were Lindora Boyd 203, Betty Roche 160, Marie Brenner 193.

Spring Ahead



Spring is coming as we all know by this week's weather. The fish will be biting and vacations are not so far away. The longer days become a reality this Sunday, April 25, when Daylight Savings Time goes into effect. Set your clock ahead one hour. — photo by Rosen

Tennis Ladder

It's time to get ready for the new season. Ladder play in men's and women's singles will begin on May 1, so anyone who wasn't on the ladder last year should sign up now.

Sign-up sheets are available for this purpose in the BERA Office in Berkner Hall. For information about ladder play, call Tom Koetzle (Ext. 4384) or Gail Williams (Ext. 3338).

Golf News

The 1st tournament of the year will be played at Spring Lake on Wednesday, April 28. Tee off time starting from 4:30 p.m. on. The entry fee of \$2.00 will be collected at Spring Lake.

There will be prizes for low net, low gross, longest drive and closest to the pin.

If you don't have a foursome or if you are a single, give Ed O'Connell a call at extension 3846 and you will be paired off.

Slo-Break Basketball

Dr. K

The championship of the BNL Slo-Break Basketball League was decided on April 8. For the second straight year Leroy James captained his team to victory. The Spuds, the first half champs, were led by the scoring of Jeff Gaffney with 22 points. Lou Snead came out of semi-retirement for this game and played an excellent 4th quarter scoring 6 points, rebounding and passing to Bob Doty who scored 10 points. The Persuaders picked the Spuds' zone defense apart with the outside shooting of their big men, Brant Johnson with 16 points and Greg Donaldson with 15 points. The final score of 58-57 in favor of the Persuaders reflects the defensive nature of this contest.

Below are listed the names of scorers of the century; players in the BNL League who scored 100 or more points.

Player	Team	Games	TP	Avg.
Moose	Browns	12	410	34.17
Gaffney	Spuds	13	276	21.23
Nordstrom	Spuds	13	226	17.38
Vaughn	Condors	15	220	14.67
Doty	Spuds	13	217	16.69
Dagg	Condors	14	203	14.50
Dr. K.	Condors	15	175	11.67
Johnson	Persuaders	14	166	11.86
Thomas	Condors	14	145	10.36
Smith, W.	Persuaders	11	144	13.09
Smith (Fox)	Browns	14	122	8.71
James	Persuaders	11	121	11.00
Donaldson	Persuaders	8	106	13.35
Garrison	Persuaders	9	102	11.33

I would like to thank some members of the BNL Basketball League for what I would consider an effort above the call of duty, playing while injured to maintain the competitiveness of the league. Among these players were Wayne Smith, Al Pittman, Dave Tang, Dennis Nordstrom, Jim Vaughn and Pete Stillman.

From now to October, just call me "Cat-fish."

Classified Advertisements

Placement Notices

Each week the Personnel Office lists personnel placement requisitions, currently being processed. The purpose of these listings is, first, to give notice of all non-scientific staff positions being filled and, second, to give employees an opportunity to request consideration for themselves through the Personnel Office. In filling vacancies, the Laboratory's objective is to give first consideration to present employees, as follows: employees within the immediate group having the vacancy, employees within the department or division, employees within the Laboratory as a whole.

For further information regarding a placement notice, or to request consideration for an available position, contact Supervisor, Personnel Placement & Development, extension 2874 or 2882.

79. COMPUTER SCIENCE ANALYST - Temporary position. Applied Mathematics Department.

80. SECRETARY - Temporary position. Accelerator Department.

81. PATROL OFFICER - Safety & Environmental Protection Division.

82. TECHNICAL ASSOCIATE - Seeking two years' experience or equivalent education in metallurgy to prepare specimens for optical and electron microscopy. Assignment involves operation of electron microscope, scanning electron microscope and deuterium microprobe, with knowledge and experience of workshop practice, machining and welding. Department of Applied Science.

83. TECHNICIAN - AAS degree or equivalent in analytical chemistry with 3-4 years' experience involving a varied range of chemical analyses. Department of Applied Science.

84. TECHNICIAN - AAS degree in mechanical technology or engineering science to assist in the operation, maintenance and repair of the 7-foot bubble chamber and the 8" superconducting bending magnet. Shift work. Particle Detector Division. Accelerator Department.

85. SUMMER RECREATION AIDES (2) - Temporary positions. Personnel Division.

86. COMPUTER SCIENCE ANALYST - User Group. Applied Mathematics Department.

Autos & Auto Supplies

74 DATSUN 610 - 4 dr, sedan, ac, am/fm, reclining bucket seats, 110 hp, new steel radials. Asking \$3500. 744-2404.

4 RIMS - 14" Chevy. \$16. Sandra, Ext. 4207, 727-0560 after 5.

KENDALL Oil - 1 case, 10W30. \$11. 744-5083.

OIL FILTER - Lee, LF-7 HP maxi for AMC, Pontiac, Olds. 744-5083.

72 CHEVY NOVA - 6 cyl, standard, new tires, low mi, Asking \$1675. Tom, Ext. 3525.

67 CORTINA - Estate wagon, 4 spd manual, runs. \$150. Hirzel, Ext. 4278.

73 BLAZER - 4 wheel drive, 350 V8, 10x15 white spoke rims, am/fm tape, excel cond. 281-4808 after 6.

72 AUDI - LS100, ac, sun roof, automatic, low mi. 864-5829.

65 SAAB - Good running order, economical, 57,000 mi. \$450 or best offer. David, Ext. 3501, 286-8097.

BATTERY - 2 months old, 53 amp hrs, I need more amp hrs for camper. \$27. Foley, Ext. 3943.

72 MIDGET - 36,000 mi, am/fm, tonneau, new clutch, new brakes, excel cond, blue w/tan interior, floor mats, garaged. \$1800. Lorraine, Ext. 3595/3640.

Autos & Auto Supplies

ENGINE & TRANSMISSION - 283 Chevy eng & auto trans, runs perfectly. \$125. Gordon, Ext. 4613.

74 HONDA XL 175 - Road & dirt. \$500. Ext. 2376.

67 SUNBEAM MINX - 4 cyl, 4 dr, r&h, 25 mpg, runs good. \$450 firm. Jake, Ext. 4532.

74 HONDA - XL 70, street & dirt. Bob, 744-7170.

64 BUICK - Good cond. \$300. 473-3532.

70 REBEL - American Motors, 4 dr, wagon, new tires, 54,000 mi. \$825. 588-5833.

66 PONTIAC CATALINA - Very clean auto V8, 389. \$550. Jerry, 281-7373 before 6.

70 CHEVELLE MALIBU - Gold, 4 dr sedan, ac, am/fm stereo 8-track, ps, brand new tires. \$1300 flexible. 938-7557 after 5.

65 CADILLAC CALAIS - Ps/pb/ac/pw, 4 dr sedan, tan, good tires, needs work. \$400. 929-4439.

73 VEGA GT - 4 spd, excel cond, steel belted radial tires, am/fm radio, 35,000 mi. \$1400. 878-1013.

71 CHEVELLE - 350, 4 spd, am/fm, mags, black w/black interior, excel cond. Asking \$2500. Bill, 298-4204.

TIRES - Recaps & used, most sizes, extra rims avail. Ken, 289-8212 eves only.

TRAILER HITCH - Class A, fits 1969-72 Volvo. \$20. 473-7460.

TRAILER HITCH - Fits 63-71 Ford Fairlane Torino station wagon, 1½" ball. \$10. 473-7460.

65 VW - Good mechanical cond, will pass inspection radio, good tires. \$250. Bill, 732-5197.

74 DATSUN - 260 Z, red, new tires, excel cond. \$5000. Adam, Ext. 3241 eves.

67 VW BEETLE - Good running cond. \$550. Al, Ext. 3941, 744-9866.

70 PLYMOUTH VALIANT - 4 dr, automatic, very good cond w/snows. \$950. Nancy, 722-3387.

67 VW BUG - Runs OK. Hank, 924-4706.

63 CHEVROLET - 2 dr Belaire, standard, economical trans. \$295. Ext. 3146, 325-1961.

TIRES - Used Kelly Springfield H78-15, \$10 for pair. Charley Porcaro, Ext. 4679.

WHEELS - 2, 15", Chev 6-holes w/snows. 800.15. \$30. Ext. 4265 lunch time.

TIRES - Pair of 9.50x16.5 general jumbo jet, good cond, both \$30. Paul, Ext. 2023.

Boats & Marine Supplies

34' BALTZER - 1953, twin 125 Chrysler crown eng, camper back, excel family or fishing boat. \$3700. 331-1718.

BARGAIN MUST SELL - 30' twin engine Chris Craft. Make offer, Stony Brook Marine. 751-1230.

20' THOMPSON - & trailer, good cond. \$200 or best offer. Steve, 727-5920 after 6.

DEPTH FINDER - \$50. John, Ext. 3354.

23' SEA RAVEN - 1960, lapstreak, V8 inboard, w/ without trailer. \$500. Jerry, 281-7373 before 6.

16' COMET CLASS SAILBOAT - Sails, rigging, excel, hull tight. \$300. Sue, Ext. 3675, 473-6570 eves.

25' OWENS - Cabin cruiser, sleeps 5, 283 Flagship engine, accessories, very good cond. Fred, 281-6468 weekends & eves.

16' GEMINI - Fiberglass day sailer, dacron sails, outboard, trailer. \$1500. 751-1097.

14' HOBBIE CAT - W/beach wheels, like new. \$1100. 751-1097.

OUT BOARD MOTOR - 1973, 3 hp Sears, runs well. \$55. Ext. 4742, 744-2688.

12' GLEN L - Buckboard, like sailfish fiberglassed hull, dacron sail. \$120; wheels, \$25. Ext. 4742, 744-2688.

Miscellaneous

RECLINING CHAIR - Vinyl cover has couple tears, otherwise, very comfortable. \$25. Bob, Ext. 4551, 289-2159.

ELEC CAN OPENER - Never used, Oster w/knife sharpener. \$10; 8-spd Osterizer, used only few times, \$120. H. Stern, Ext. 3670, 324-0132 after 6.

12" GE TV - Portable, good cond, \$35; 23" Zenith VHF/UHF sm console, excel cond, will deliver. \$45. Fred, Ext. 4597, 475-4935.

OIL TANK - 75 gallon, 10 gauge. \$30 firm. 286-8718 after 6.

SHALLOW WELL WATER PUMP - Deming, double acting w/½ hp motor, used very little. \$50. 286-8718 after 6.

YORKSHIRE TERRIER - Toy, male, guaranteed sound, playful, alert, good temperament. Alyce Daly, Ext. 2902, 475-2627 eves.

LIGHT FIXTURE - \$4 & \$5; plant hangers, \$3 each; brown & blue jeans, new 34/32, \$5 each. 744-5871.

SPRING COAT - Size 14. \$8. 744-5871.

MEN'S SHOES - 9M, brown leather, new, \$15; shirts, men's, \$3 each. Ext. 3609.

BLAZER - Blue, size 12, \$4; spring coat, size 12, \$10; pull over shirts, men med, \$3 each. Ext. 3609.

FREE - 5 healthy kittens, all colors, male & female. Ext. 2874.

ORIENTAL RUG - Green & red, \$125; walnut velvet side chairs, \$10 each. 475-4386.

SOFA - Yellow, orange, green slipcovers, brand new w/matching drapes, best offer. 475-4386.

PORTABLE 8-TRACK - Panasonic, ac/battery operated, car adaptable, push handle, new. \$23. Borg, Ext. 3623.

BARBER'S THINNING SCISSORS - New, model Classic 83, Droescher, pro top. \$10. Borg, Ext. 3623.

SWIMMING POOL - 15'x42', brand new, still in boxes, ladder, filter, skimmer, cover, liner. \$400. 281-1983 after 5.

GENERATOR - 2 wheel army power plant, 60 cycles, 120 or 240 volts, 7.5 kw, 39 or 78 amps, 4 cyl Herc eng, top shape. \$600 firm. Jim, 727-4233 after 6.

2 GENERATORS - Homelite model 35A, 115 volts, 13.1 amps, \$200 firm; Homelite model 250A, 115 volts, 15.7 amps, 1800 watts, \$200 firm. Jim, 727-4233 after 6.

CONTENTS OF HOUSE - 11-piece Templeton-Stuart dining rm set. 286-0175.

LAFAYETTE CB - 625 IH box. \$135. John, Ext. 3354.

LAWN SPREADER - Scott's 30", good cond. \$5. 732-5829.

CHEST & DRESSER - Walnut, very good cond, like new. \$100 takes both. Bob Dee, Ext. 2582.

CAMERA - Kodak Hawkeye w/flash attachment & carry case, excel cond. \$8. 732-5829.

GE WASHER/DRYER - Combination, excel cond, very little use. \$140. Ext. 4108.

PHOTO FLOODLAMP - Westinghouse, 650 watt, sealed beam, floodlight, excel cond. \$5. 732-5829.

NEW KITCHEN SET - Must sell, table & chairs, green. \$40. Ext. 4452.

DINING RM SET - China closet, buffet table, 4 chairs, fresh provincial, new cond. \$300. 473-7593.

LHASA APSO DOG - Female, champion lines. \$100. 473-7593.

FREE PUPPIES - Part English setter, part lab, 4 males, 2 females, born 3/20/76, ready May 1. Marge, 698-0590.

GIRL'S BICYCLE - Schwinn, 24x1¾" tires, side baskets. \$30. J. Olson, 289-8629.

RECORD PLAYER - Portable stereo, Garrard changer, \$25. Anne, Ext. 3412.

XMTR - Heathkit DX60, \$75; HG UFO, \$45. Don, Ext. 4576, 281-3043.

DYNAMOTOR - Pincor model VS-25, 6 or 12 VDC in, 500V out. Make offer. Don, Ext. 4576, 281-3093.

TELETYPE POWER SUPPLY - Teletype corp mod, rec 29, \$10; RCA 25" color picture tube 25AP 22A, works well, \$10. Don, Ext. 4576, 281-3093.

UTILITY TRAILER - 4½x7 bed. \$50. 653-5989.

TRAVEL TRAILER - Elec brakes, good tires, ice box, 110v-12v, gas lights, oven & stove, awning. \$500. 744-0548.

CANNAS BULBS - Very reasonable. Irene, Ext. 3725, 589-6468 after 5.

FOLDING TWIN STROLLER - Good cond. \$25. Jim, Ext. 3550.

PA SYSTEM - 200 watts, 6 ch, sep cont for each ch, 8-12" speakers w/covers excel cond. Asking \$525. 289-0753.

FENDER BANDMASTER - Guitar amp, 55w RMS, best offer. Jim, 924-3312.

KITCHEN SINK - Used, 24"x48", double basin, white w/backsplash; also lavatory wash bowl. 286-9158.

ZUNDAPP ENDURO - 1974, street or trail, excel cond. \$350. Oscar Sanchez, Ext. 4719, 878-4513.

LEAF VACUUM - Home made, gas powered, 4'x4'x 6½", built for pick up or utility trailer. \$25. Laird, Ext. 4068, 298-5092.

SEWING MACHINE - Remington, 1957 model, working cond. \$25. 281-5296.

GE AIR CONDITIONER - Window, 5000 btu, used about 100 hrs. \$99. Ext. 3788, 286-3679.

SOLIGOR LENS - Auto 300mm, F 5.5 tele lens, bayonet mtg, fit Nikon etc, used twice, orig carton, \$90; haze filter, \$5. Bill, Ext. 4641.

AM/FM RADIO - Portable w/locking bracket for auto use. \$25. Hank, Ext. 3935.

MOVIE CAMERA - 8mm & projector. \$25. Ext. 4265, lunch time.

ROCKING HORSE - Low mi, good cond. \$10. 286-8229.

LAMP - Wall mounted, Spanish style, wrought iron. \$40. 698-5983 after 5.

BABY CARRIAGE - Perego, black & white. 698-5983 after 5.

ELECTRIC RANGE - Hotpoint, harvest gold, used only 6 months. \$95. 698-5983 after 5.

EICO - 565 Volt-Ohm milliammeter, new never used; EICO list price \$49.95, sell \$35. Paul, Ext. 2023.

OSCILLOSCOPE - EICO 460, Heathkit test chassis model EF-2, all manuals, all brand new, in cartons. \$125. Paul, Ext. 2023.

LPG FURNACE - 12,000 btu, 12 VDC, forced air for camper or van, cost \$190, asking \$100. Paul, Ext. 2023.

Real Estate

Real Estate advertised for sale or rent is available without regard for the race, color, creed or national origin of the applicant.

For Sale

SHIRLEY - 4 yr old ranch, 4 bedrms, living rm, dining rm, 2 baths, basement, porch & patio, carpeting, 100x125 fenced yard, near stores & transportation. \$33,000. 281-3721.

SMITHTOWN - SD #1, 3-4 bedrm custom ranch in heavily wooded area, eat-in kitchen, formal dining rm, 2-car garage, lg screened porch, finished basement, extras. \$47,500. Ext. 4008, 265-1436.

CUTCHOGUE - 1acre bldg lot, water view, beach rights, near schools & shopping. Asking \$14,500. G. Laird Stubbings, Ext. 4068, 298-5092.

RIDGE - Levitt Strathmore duplex townhouse, 2 bedrm, 1½ baths, central air, w/w carpet, 5 appl. 924-4070, Ext. 3541.

MASTIC - 3 bedrm ranch, w/w carpet, full basement, eat-in-kitchen, appl, fenced yard, near Lab. \$31,000. Ext. 2042, 399-0374 after 5:30.

BROOKHAVEN HAMLET - 9 rooms, fireplace, 1½ baths, 4-5 bedrms, study, 2½ car garage, small barn, boat landing, woods, marsh, 2.4 acres. 473-7667.

LEVITT STRATHMORE - Duplex townhouse, 3 bedrm, 1½ baths, wooded location, ac, w/w carpet, 5 appl, fenced patio, landscaped, low maintenance, owner sacrifice, low 30's. Ridge, 924-3361.

STRATHMORE RIDGE - 2 bdrm condominium, central ac, upgraded carpet, immaculate cond. \$3500 takes over \$20,000 mortgage. 924-3666 eves.

MILLER PLACE - Water front, contemporary, 6 bedrms, 3 baths, 3 entrances, all appl, private beach, principals only, eves & weekends. 928-0348.

RIDGE/LAKE PANAMOKA - 3 bdrm ranch, full basement, 16x20 sun deck, 100x113 wooded lot, lake rights, Tarkill Rd. \$33,000. Ext. 4308, 727-9334 after 6.

YAPHANK - Clarandon built ranch on ½ acre, 3 baths, 3 bedrms, full basement. \$44,000. 924-4192.

FLORIDA - West Coast, Cape Coral, 80x125 water view. Ext. 2311, 567-5131 after 6.

BROOKHAVEN HAMLET - 9 rms, fireplace, 1½ baths, 4-5 bedrms, study, 2½ car garage, small barn, boat landing, woods, marsh, 2.4 acres. 473-7667.

ROCKY POINT - Custom ranch, many extras, water view, possible mother/daughter, must be seen. \$39,900. 744-7861 after 6.

ROCKY POINT - Mother/daughter, hi ranch, 3 bedrm upper, 1 bedrm lower, sound view. \$45,000. 473-4757.

ROCKY POINT - 4 bedrm, 2½ baths, central air, colonial, deeded beach rights, w/w carpet, landscaped, low 40's north 25A. 928-2954.

For Rent

ROCKY POINT - 2 bdrm house, 2 baths, lvg & dining rms, patio fully fenced yard. Avail June 1. \$250/mo. 744-0548.

MASTIC BEACH - 2 bdrm house, summer or all-year round. R. Reilly, 744-8680 after 6.

MEDFORD - 1 bdrm apt, unfurnished or semi-furnished, 15 min to Lab, avail May 1. \$225 incl util. Ext. 3336, 475-8456.

BELLPORT - Spacious 2 bdrm apt, lower floor of duplex, private entrance, garage, all util, 1 yr lease reqd, avail May 1. 286-8850.

SHOREHAM - Summer rental, large hi-ranch, 1 acre land, private beach rights, end of June to Labor Day. 744-2514.

3-VILLAGE AREA - Furnished/unfurnished ranch, lovely property, central air, finished basement w/ bar, private community beach, 12-14 mo lease starting June 1. S.J. Lindenbaum, Ext. 3918.

ROCKY POINT - 2 bedrm house, lg living rm, near LI Sound, no pets. Reasonable. 744-9724.

WADING RIVER - Lg 1 bedrm basement apt, furn, a/c, priv beach, 15 min to Lab. \$250/mo incl util. 929-8443.

FURNISHED RM - Patchogue village, private home, off-street parking, village conveniences, suitable congenial mature woman. 475-2627 after 6.

Classified Ad Policy

Deadline is 12 noon Monday for publication Friday of the same 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. Firearms offered for sale or trade may not be brought on site.
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.
7. Ads should be restricted to 20 words or less and typed or printed on the form provided, and must bear the employees signature.

For Sale: Auto & Auto Supplies
 For Sale: Boats & Marine Supplies
 For Sale: Miscellaneous

Wanted
 Carpools
 Lost & Found
 Services

Check the heading applying to your ad.
Print or type your ad in 20 words or less.

Ads concerning 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, Room 111, 40 Brookhaven Avenue.

(Name & Phone No. To Call)

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

Send to: Brookhaven Bulletin, Building 460, 40 Brookhaven Avenue (Ext. 2345).