



Behavior Control Can Be Achieved Moyer Believes

Aggressive behavior has been controlled in the laboratory by physiological means already available to the researchers in human behavior. Surgery can tame a wild cat or can make a mouse an angry animal.

Human beings have also had surgery that has radically changed their behavior patterns. Paranoid subjects; raging, violent and threatening, have relaxed and become at peace with the world when implanted electrodes have been activated.

Traditionally, behavior control has been accomplished by education. The aggressive individual can learn to inhibit his aggressive behavior. Now researchers are looking at drugs that can chemically manipulate aggressive circuits in the brain much the same as implanted electrodes do mechanically.

Dr. Kenneth E. Moyer, Professor of Psychology at Carnegie-Mellon University, will deliver an AUI Distinguished Lecture tonight on this fascinating subject of brain control.

"Some Implications of Recent Brain Research for Behavior Control" will be the title of the Ninth lecture in this series. The lecture, for which there is no admission charged or tickets required, will be delivered in Berkner Hall at 8:30 p.m. on Thursday, October 2.

In addition to laboratory personnel, the general public is invited to hear Professor Moyer present a summary of some of the recent work that has been done on brain research, and the implications that such research might have for society.

Moon Sample Display Plans

When the samples of lunar material are received at BNL (hopefully later this week) they will be placed on display for all employees at Berkner Hall during lunch hours.

A public display of the samples for the families and friends of employees as well as the general public is planned for the Friday and Saturday following receipt of the material. This display will be held in the Brookhaven Center.

Employees are asked to refrain from bringing their family members to the lunch hour displays, but to encourage them to come during the public display periods.

Announcement of the arrival of the lunar material and the dates of public and employee displays will be made by an all-employee memorandum as well as notices in the local newspapers.

Plaque Presented

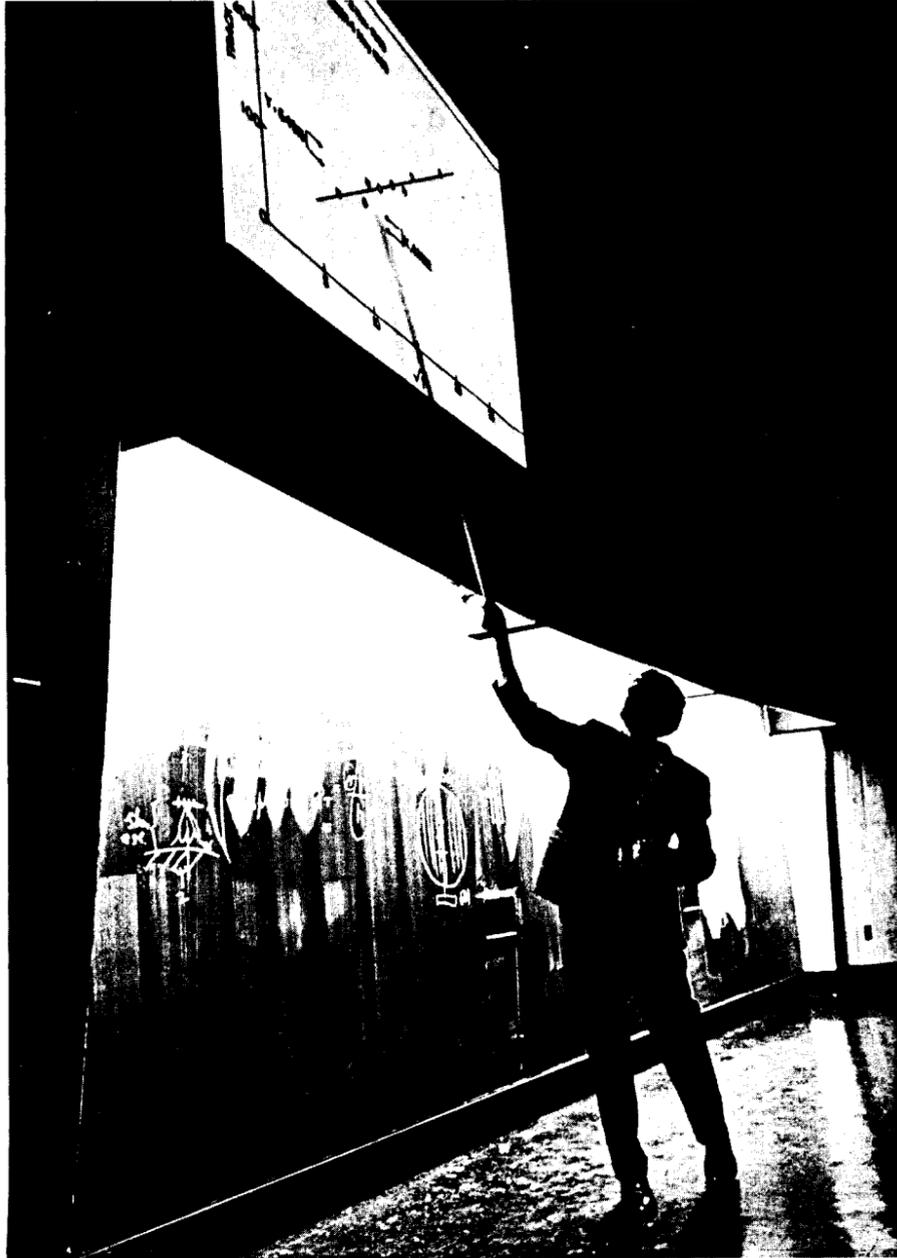


Dr. Warren Winsche, Chairman of the Department of Applied Science, and Dr. Maurice Goldhaber, Director of BNL display award plaque given to Brookhaven for development of one of the top technical products of the year. The award was based on the development of concrete-polymer by the Radiation Division of the DAS. —Lauber

FAS Meeting On Vietnam Moratorium

On October 15 a "Vietnam Moratorium" will be held to call for an end to the war in Vietnam. Interested members of the BNL community are invited to meet informally at 5 p.m., Monday, October 6, in the Brookhaven Center to discuss preparations for this Moratorium.

Quark Quest Quickens



Dr. Charles B.A. McCusker explains a slide during a presentation on the quark at a joint colloquium at Stony Brook last Friday. McCusker and his team working at the University of Sydney, Australia, claim to have found evidence of the Quark, the smallest particle of matter known to man. The joint colloquium was sponsored by both Brookhaven and Stony Brook and was held in the Lecture Center at Stony Brook. —Humphrey

Naming of the Quark

According to Murray Gell-Mann, the Quark was named during a conversation between Gell-Mann and Richard Feynman. "Dick and I were batting around some aspects of theoretical physics, and we started to get excited about a new theory and threw out words for our ideas. The theory depended on a triplet of particles, with the right characteristics, and we needed a word for it.

"I started to say 'squeak,' 'squark,' and it came out 'quark.' We loved the word as soon as it was uttered. Much to my surprise, I found the line 'Three quarks for Muster Mark' in James Joyce's 'Finnegans Wake.' Nothing could have fitted better!" The line in Finnegans Wake actually refers to the cuckolding of King Mark in the medieval legend of Tristan and Isolde.

In German, the word "Quark" which literally means "cream cheese," conveys

the slang meaning of "Baloney!"

Lewis Carroll's "The Hunting of the Snark" seems to have been written with the search for the Quark in mind. Carroll said:

*"... the Snark is at hand,
let me tell you again!
'Tis your glorious duty to seek it!
'To seek it with thimbles,
to seek it with care;
To pursue it with forks and hope,
To threaten its life with a railway-share;
To charm it with smiles and soap!
'For the Snark's a peculiar creature, that won't
Be caught in a commonplace way.
Do all that you know,
and try all that you don't:
Not a chance must be wasted today!...
'But oh, beamish nephew,
beware of the day,
If your Snark be a Boojum! For then
You will softly and suddenly vanish away,
And never be met with again'..."*

Craft Apprentices Chosen



Starting Monday, the young men pictured above will begin new careers at BNL as craft apprentices. All will embark on a four year program that combines both on-the-job training and formal study. Left to right are: Mario Geracitano, S & M; John A. Scesney, PE&P; Vincent J. Angeloro, S&M; Walter H. Wild, PE&P; Stephen T. Waski, Jr., S&M; and Frank D. Strelbel, S&M.

Quarry Cornered In Quark Quest?

The successful culmination of a year-long search for the smallest particle known to man is claimed by Dr. Charles B.A. McCusker, a physicist from the University of Sydney, Australia. According to newspaper reports, McCusker is "99 per cent sure" of his discovery.

Dr. McCusker reported on the results of his search for the quark at a joint colloquium sponsored by both Brookhaven and the State University at Stony Brook last Friday. The lecture hall at Stony Brook was packed to capacity by physicists and researchers from both organizations who listened attentively and questioned actively the discovery claimed by Dr. McCusker.

McCusker, a fifty-year-old physicist who is a native of England, reported that the evidence for his discovery was found in high speed photographs of tracks of particles moving through a Wilson cloud chamber.

McCusker and his team, working on a low budget, took about 60,000 pictures showing the earth level results of interactions that took place 16 miles above the earth between cosmic-ray particles and the earth's atmosphere.

Dr. McCusker and his team spent a year examining thousands of photographs of particles of a mean primary energy of 4×10^{15} eV. Five tracks were found whose specific ionization was significantly less than those of tracks of fast, singly charged particles. The appearance of these tracks was identical to that theoretically expected of the quark.

A number of alternative explanations for the quark tracks were ruled out by



A BNL staff member peers at a stereo picture of a quark candidate. At right, Nobel Laureate C.N. Yang waits his turn for a look at the particle tracks.

McCusker such as statistical fluctuation effects and poor illumination. He said: "we have been unable to reproduce such tracks by field doubling. Yet, it might be possible to produce such tracks by other means. Half normal ionization of the candidate tracks may be due to a particle that traversed the cloud chamber before the clearing field was removed."

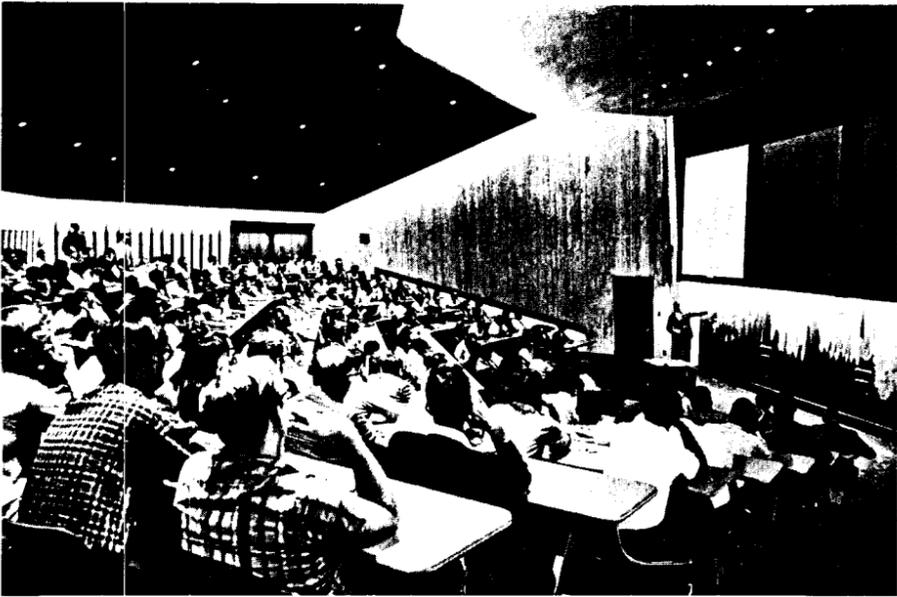
"If so, it would then be possible for ions of one sign to drift out of the illuminated region while ions of the other sign remained in that region. It is also obvious that extra time spent in the chamber before the clearing field was removed would increase the diffusive width." The ionic mobility was measured in an argon-alcohol-water-gas mixture to show that that explanation was also unlikely.

At the conclusion of Dr. McCusker's lecture he fielded many questions from the audience that showed a reserved skepticism for the results obtained. "If I am right," said McCusker, "we now know a lot more about the fundamental structure of matter."

If verified, the reported work by Dr. McCusker and his associates could be a major landmark in 20th-century physics, and would become the most exciting science story of the year.

The quark was originally postulated as a mathematical device by Murray Gell-Mann and Georg Zweig in 1964. Some research on finding the quark has been done at Brookhaven and at Argonne but neither institution was able to report positive results. There is no current work at BNL aimed at finding the quark.

Quark Colloquium Draws SRO Crowd



The crowded lecture hall at Stony Brook attested to the interest generated by the presentation of Dr. Charles B.A. McCusker. The 50-year-old Australian scientist reviewed his paper in which he claims to have successfully completed the search for the smallest particle known to man.



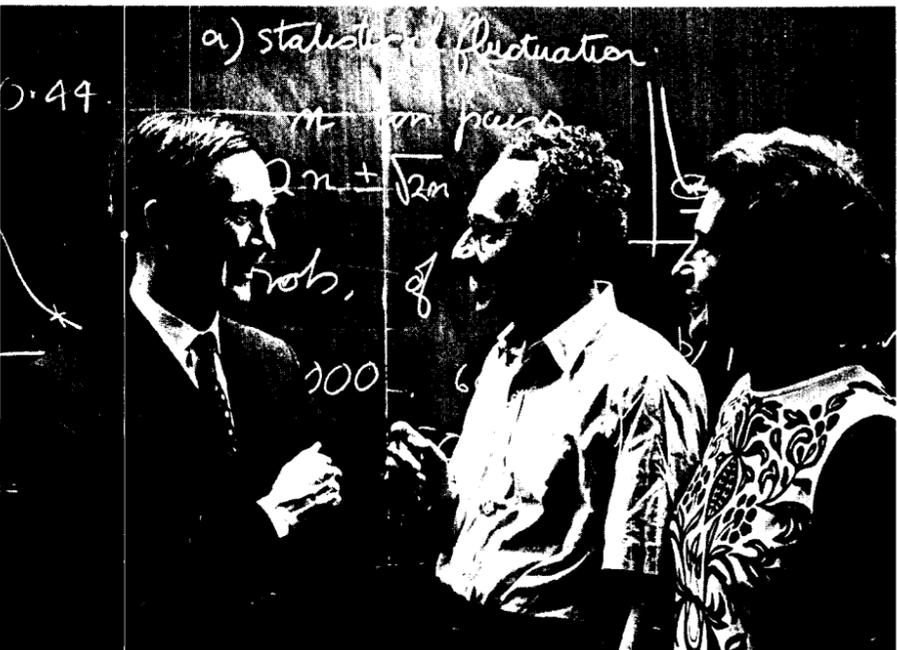
Dr. McCusker, fielded question about his research with a wry humor.



A fascinated and sometimes skeptical audience listens with rapt attention to McCusker's presentation. (right)



Dr. McCusker (right) was the center of an extremely animated discussion after he had concluded his formal presentation. Dr. Nicholas Samios (center, with glasses) is chairman of the colloquium committee.



BNL Director, Dr. Maurice Goldhaber and Mrs. Goldhaber, both physicists, talk with Dr. McCusker after the joint colloquium at Stony Brook. —Humphrey

Here and There

Dolores del Castillo

Several members of the Accelerator Department – Mark Barton, John Blewett, LeRoy Blumberg, Ernest Courant, Gordon Danby, Kenneth Green, Harald Hahn and William Sampson – spent August 27 to September 2 in Erevan, Armenia, SSR, where they attended the Seventh International Conference on High Energy Accelerators. Irving Polk, Julius Spiro and Arie vanSteenbergen were also invited to attend but were unable to do so. Papers were presented by Drs. Barton, Blumberg, Courant, Danby, Hahn and Sampson. Dr. Courant presented vanSteenbergen's paper in his absence. After the Conference, the group visited several other accelerator laboratories within Russia. Dr. Green went on to Tbilisi where he had been invited to attend another meeting.

Leon J. Goodman (Medical) recently attended a symposium on the "Use of Cyclotrons in Medicine," held at the Hammersmith Hospital in London, England. Following this meeting he attended the International Conference on the Use of Cyclotrons in Chemistry, Metallurgy and Biology held in Oxford, England. At this meeting he presented a paper entitled "Minimum Cyclotron Size for Radiation Therapy: A Study of Relevant Physical Parameters."

Joseph Krikawa (PEP) attended the Niagara Mohawk's Annual Architect and Engineer Symposium, Saratoga Springs, New York. He presented a paper, co-authored with Henry B. Hansteen (retired), entitled "The Fossilectric Ratio."

Robert Walton presented a paper written by John Garfield, at the meeting of the Society of Photographic Scientists and Engineers, held at the Park Sheraton Hotel, New York, on September 18. The paper was entitled "Data Projection-Light Sources and Optics." (Both of Photography).

H. J. Van der Linde of the South African Atomic Energy Board will visit at the Laboratory on October 6 to discuss experimental techniques in radiation chemistry.

V.P. Bond (DO), H.L. Atkins (Medical), M.M. Elkind (Biology) and G. J. Dienes (Physics) all returned recently from Carmel, California where they had participated in a conference on "Time and Dose Relationships in Radiation Biology as Applied to Radiotherapy." Dr. Bond was one of three co-chairmen responsible for the organization and operation of the invitation-only conference which was attended by more than 100 scientists from 9 countries.

Also returned from Carmel, California were Mrs. W. Flannery (DO), Mrs. G. J. Dienes (Information Div.), J.R. Craig (I & HP), and D.M. Schaeffer (Information Div.), the working crew who took care of the myriad of details associated with the conference. All proceedings were recorded, the discussions transcribed, edited, and returned to the participants for approval. The remaining editorial work leading to the publication of the proceedings will be done at BNL.

Arrivals & Departures

Arrivals

William C. Eckelman App. Science
Helen H. Farrell App. Science
H. Ronald Manning Physics
John S. Read App. Math.

Departures

Donald H. Andrews Physics
Werner A. Franke P.E.P.
Peter Hendricks Physics
Hon-Yen Lau Chemistry
Jack Menes Physics
Wendy C. Milton App. Math.
Anil K. Mukherji App. Science
Marleen Vanneste Physics

Coming Attractions

10/2 AUI Distinguished Lecture
Dr. Kenneth Moyer
0/7 BERA Concert
Eastman Quartet
(Berkner Hall – 8:30 p.m.)
10/15 BNL Lecture
V. Radeka
(Berkner Hall – 8:00 p.m.)

Published Weekly for the Employees of Brookhaven National Laboratory

CARL R. THIEN, *Editor*
DOLORES DEL CASTILLO, *Editorial Assistant*
CLAIRE LAMBERTI, *Copy Preparation*
40 Brookhaven Ave. Upton, N.Y. 11973
Telephone 516 924-6262 Ext. 7238

NORBERT J. DERNBACH
Public Relations Officer

Letters To The Editor

Dear Sir:

If "I" married "Me" then their children would be "Those."

Us

Dear Sir:

I think "I" is in love with love, and "Me" wished that it was a western; or is that bad grammar?

Dear Sir:

Giving money to a worthy cause is a terrific idea. But why must we go overseas to adopt a child; when we have enough orphans and homeless children right here in this country. I'm sure that the orphans in this country would appreciate knowing that there was someone who did care what happened to them. Consider that!

Bruce Edwards

Dear Sir:

Evelyn's suggestion of making contributions by the employees of BNL to support a child or children in Asia is an excellent one. Why go over to Asia? Why not adopt an Indian child or children here in America? The American Indian Association has many on their lists. It would be very rewarding to feel the employees of BNL were in some small way compensating for the wrongs our forefathers perpetrated against the original settlers of America.

Mary Hall

Dear Sir:

It would indeed be a lovely gesture on the part of BNL employees to voluntarily contribute a nominal amount of money to a worthy cause – but why to adopting a child in Asia or some other country. America the Beautiful has just about had enough lambasting and biting of the hand that is feeding. How about a campaign to take care of our own – Certainly there are many countries represented here in the USA, but we are in finality – Americans. Admit our faults – yes – but let's constructively work to solve them and aid ourselves. Let's let others take care of themselves for a while. We have orphans; we have poverty in the young, the middle aged and the old; we have many areas in our country, our cities, our very own streets and towns needing financial and moral aid. If BNL employees, if any group of Americans, are so moved to worthy causes – then let's start at home. When we have earned our own self respect, when we have strengthened our own moral fiber and worked together to solve our own problems, in our "home" then I would imagine this to be a far greater contribution to the future of mankind and an example to "man" of all countries. Let's begin charity at home. The United States of America is our home!!

Patricia Donnelly

Cafeteria Menu

Week Ending October 9, 1969

Friday, October 3

Clam & Celery Bisque
Grilled Chopped Beefsteak/Smothered
Onions65
Codfish Cakes/Tomato Sauce65
Shrimp Chow Mein/Soy Sauce75

Monday, October 6

Vegetable Soup
Saute Steer Liver/Broiled Bacon75
Roast Leg of Lamb/Mint Jelly65
Creamed Chicken on Rice65

Tuesday, October 7

Puree of Split Pea Soup
Round Roast of Beef75
Frankfurters Rolled in Bacon65
Baked Lasagna80

Wednesday, October 8

Chicken Gumbo Creole Soup
Baked Meat Loaf/Brown Gravy65
Roast Stuffed Turkey/Giblet Gravy70
Fried Filet of Sole/Tartar Sauce65

Thursday, October 9

Minestrone Soup
Breaded Veal Patty/Tomato Sauce65
Tender Corned Beef & Cabbage87
Spaghetti w/Meatballs/Hunter Sauce70

We've Found The Answer!

What really was that first and original sin? Was it simply an apple? and was that snake really responsible?

As you may have heard, Broadway is now as permissive as it can get. And at long last, the BERA Theatre Group is free to reveal the naked truth about Eden.

On Thursday, October 16, at Berkner Hall, the Theatre Group will present the one act musical-comedy, "The Diary of Adam and Eve." This uproarious tale was originally contained in the smash Broadway musical, "The Apple Tree."

Appearing as Eve, the eternal wife/woman, is Linda Herr, recently a guest director and performer at SUNY. Adam, the greatest granddad of us all, is Chemistry's Tony Nappi. Robert O. Maher, last seen here with Tony in "The Roar of the Greasepaint," will appear as himself.

This is a full-scale production. No expenses have been spared either on costumes (?!) or apples. Be sure to be an eye-witness to the goings-on at Eden . . . and free of charge! The production will take place at 9 p.m. at Berkner Hall following the Theatre Group's regular meeting at 8 p.m.

Thursday, October 16th 9 p.m.
Berkner Hall - Admission Free

Van Slyke Returns From Geneva Congress

Dr. Donald D. Van Slyke, Medical Research Center, has returned from Geneva, Switzerland, where he served as Honorary President of the Seventh International Congress of Clinical Chemistry.

Dr. Van Slyke, who has made many important contributions to clinical chemistry addressed the opening session of the Congress on September 7.

He briefly reviewed for the 1600 attendees at the conference the outstanding growth that has occurred in clinical chemistry in the last 50 years.

The first International Congress of the Clinical Chemists was held in Amsterdam in 1954. The second meeting was held in New York in 1956. Meetings have been held at three year intervals in Stockholm, Edinburgh, Detroit and Munich.

Football Notes

by Jack Brennan

The number is now down to three undefeated Clubs. Chemistry was knocked from the undefeated ranks by the Staggering Six in an overtime game, 20-19.

AMD edged out Physics 25-24 in a real cliffhanger. Bob McGonigle scored 13 points including the winning touchdown. Jack Crow of Physics had 2 T.D.'s.

The Kickers gave the Rat Pack a rough time before losing 27-19. Walt Reams of the Pack scored 14 points.

The Slow Pokes put it altogether smashing Bio-Meds 66-0. Andy Fogarty with 3 T.D.'s Bob Jansson and Murray Gottfried with 2 T.D.'s each led the winner's attack.

Standings:

	Won	Lost
AMD	4	0
Rat Pack	4	0
Slow Pokes	4	0
Chemistry	3	1
Staggering Six	1	3
Bio-Meds	0	4
Kickers	0	4
Physics	0	4

USNR Research Co. 3-9

Brookhaven National Laboratory

Upton, New York YA4-6262, Ext. 2910

Drill Schedule

For Quarter Ending December 31, 1969

15 October 1969

Noise in Physical Measurements

(Brookhaven Lecture)

Dr. Veljko Radeka

12 November

The Value Revolution: Changing America's Priorities

(A.U.I. Distinguished Lecture)

Hon. Mr. Stewart Udall

19 November

Conservation and Human Values

Dr. Robert Smolker

SUNY, Stony Brook

10 December

A Trip to West Africa

Dr. Francis J. O'Neill

N.Y. State Hospital, Central Islip

Mets Tickets



BERA Board members Lynn Kalbach and Paul Kelly draw 36 names out of the box for tickets to the National League Playoff games to be held in Shea Stadium. Lucky winners are listed elsewhere in the Brookhaven Bulletin. -Lauber

National League Playoff Drawing Winners

First Home Game

Box Seats - Abe Seifert, Harold Mason, John Weeks, Pete Mercier, Harvey Lane, Louise Whaley, Paul LaDoux and Karl Berger (alternate for Vincent Polywoda). **Reserved Seats** - George Betz, Robert Wayte, Ann Grignon, Ray Archbold.

Second Home Game

Box Seats - Robert Uphoff, Belmont Sylvester, John Scandizzo, Ken Kanige, Anthony Gody, E.E. Shelton, Jean Corwith, Robert M. Brown.

Reserved Seats - Anthony Meo, Frank Campbell, William Reid, Larry Kukacka.

Third Home Game

Box Seats - Henry Gordon, John Scharpeger, Arnie Krietzberger, Robert Glasmann, Bob Marascia, Helen Keeley, Jack Crow, Bill Love.

Reserved Seats - Paul Walser, Devon Plows, Sal Sparacino, Ester Simms.

Bookmobile Schedule

The Bookmobile is starting its new schedule effective this week. The first visit on the new schedule will be Tuesday, October 7. As it was for the old schedule, the Bookmobile will be at BNL from 10 to 11 a.m. every other week.

The Bookmobile will not come to BNL this Friday, October 3.

Cooking Exchange Begins Regular Fall Season

The Cooking Exchange was started at the suggestion of Laboratory wives and foreign visitors with a common interest in food. The purpose of the Cooking Exchange is to demonstrate, exchange and sample the exotic, as well as the standard, dishes of various countries. All Laboratory wives are invited to participate in these cooking sessions.

Regular meetings of the group are held from October until May in the Recreation Building in the Apartment Area. They are scheduled for every other Thursday beginning on October 9 from 3 to 5 p.m. Each adult is requested to contribute 50¢ to pay for the cooking demonstrations and

Hospitality Ladies Meet



Area Chairladies of the Hospitality Committee met for lunch at the Brookhaven Center last Thursday to make final plans for the semi-annual tea and sherry party to be held in November. Future issues of the Brookhaven Bulletin will give you complete details about the tea and its theme of "Worldwide Treasures."

World Series Tickets!!

If the New York Mets survive the National League Playoffs and get into the World Series BERA will have eight (8) Box Seats, at \$15.00 per ticket, and four (4) Reserved Seats, at \$10.00 per ticket, for each of the games played at Shea Stadium.

A drawing will be held at the Recreation Office on Monday, October 6th at 3:00 p.m., for the privilege of buying these tickets. The drawing will be restricted to employees only. Each winner will be permitted to buy one ticket.

If you would like to have your name placed on the drawing list, call Extension 2808 before noon on the 6th.

Please Note - Requests for refunds on any of the tickets sold by the Recreation Office must be made by the ticket holder directly to the Shea Stadium Ticket Office.

Retirement Plan

In response to the recent interest generated in the AUI retirement plan, further information on this subject will be featured in a future issue of the Brookhaven Bulletin.

In the meantime, employees who have questions concerning the retirement plan are encouraged to call Personnel Services, extension 2106.

Overseas Christmas Mail Deadlines

Surface Transportation

October 13 to November 8

SAM Parcels

October 20 to November 22

PAL Parcels

October 27 to November 29

Air Mail

December 1 to December 13

Packaging

All articles should be packed in boxes of wood, metal, solid fiberboard, or strong double faced corrugated fiberboard. All fiberboard boxes should be securely wrapped in heavy duty paper which materially strengthens the package. Each box should be well tied with strong cord. Sufficient cushioning material should be used to prevent any rattling or loosening of articles within the package. Unless tightly filled, boxes are likely to be crushed. A slip showing list of contents and name and address of sender and addressee should be enclosed in the parcel.

Attention BNL Artists

The time is fast approaching for the fourth BERA Members Art Exhibition. The Art Committee has scheduled the evening of November 17 for the opening of the show, which will run through December 2.

The first three exhibits of the artistic efforts of the BNL community and their families were universally acclaimed as outstanding successes, and unquestionably this forthcoming show will be bigger and better than ever.

More details will be published in the Bulletin later, but in the meantime, all BERA artists should make preparations in order that they can be represented in the exhibit.

Bowling News

Irma Carl

Port Jeff Lanes was the place to be on Sept. 23 for some fancy bowling as can be witnessed by the scores the fellas and gals rolled.

Two of the fellas in the Red League bowled beautiful scratch series: C. Buzzco 216-223-620 and R. Larsen 204-221-605. E. Meier rolled a 208; G. Tanza and N. Anderson each a 203; and J. Cain, B. Sylvester and N. Combatti a 201.

The gals in the Pink League were overwhelmed by the outstanding bowling performance of Mona Vitale who opened with a 230 and finished with a 576 scratch. Marie Brenner had a good thing going with her game of 190, as did Arden Neber 183, Ginny Diebel 171 and Bev Nine 170.

Soccer

M.T. Hutchings

Patchogue Res. 2 Vs. BNL 1 (1-1)

Five minutes before the end, a deflected shot gave Patchogue victory in another close game on Sunday, 21st September. The first quarter of the game suggested we would win easily and our hopes were raised when Webster scored from the spot after a defender had handled a cross from Samuelson. However, Patchogue equalized before half time, also from a penalty kick. The second half saw our defense withstand considerable pressure while at the other end several of our shots came close. Then just when we thought it was a tie, Patchogue struck. It was, nevertheless, a good game, played in superb weather for soccer. **Dowling College 1 Vs. BNL 1 (0-1)**

Above hard pitch made ball control difficult on Wednesday, 24th September, when we played a lively college side. Some of the finer points of the rules seem to have been missed by our opponents who made up for their lack of experience with excess enthusiasm. The first half was predominantly ours with Mariscotti putting us ahead from a pass by North after twenty minutes. However, in the second half our goal had some narrow escapes before Dowling equalized from close in five minutes before time.

(What's that? We haven't won this season? - Remember the Mets!!)

Practice 5:10 p.m. Mondays. Call Ext. 7608 if you wish to join.

Bellport Playcrafters

Present "The Women"

An all-feminine cast is hard at work learning the vicious jibes and witty lines in Clare Boothe's play "The Women." The play will be presented by the Playcrafters on October 10 and 11, 1969, in the Bellport Senior High School, Brookhaven, for the benefit of the North Bellport Community Center. Charlie Zavesky (Physics) is the Stage Manager, and Lu Zavesky is the Director. Both have been seen many times on the BNL stage.

Many other Lab employees are active in this production. Just to name a few of the actresses: Pat Campbell (Physics) is cast as Peggy, Shiela Buck (Physics) is a showgirl, Julie Peierls (Physics) as Nancy, Eleanore Gould (AGS) as Jane, Loubelle Johnson (Physics) as Mrs. Moorhead. Ernie Sykes (Instrumentation) is Tickets Chairman, Marshall Bull (Photography) is the official photographer, and Boris Lomonosoff (AGS) is Chairman of Stage Construction. For tickets please call Sykes, Ext. 7229 or Lomonosoff, Ext. 7386.

Lab Swimming Pool To Reopen Monday

The Pool which has been temporarily closed for maintenance repairs will reopen Monday, October 6, on the following schedule:

Monday through Friday

12:00 Noon - 1:00 p.m.	Employees Only
1:00 p.m. - 3:00 p.m.	Employees, Family, Visitors
5:00 p.m. - 9:30 p.m.	Employees, Family, Visitors

The Fall through Spring Season will run to mid-June 1970, and the following admission schedule will be in effect:

Daily - Employee (Family Member)	50¢
Visitor	75¢
Season - Unlimited Swims	
Employee	\$10.00
Family Member	10.00
Family	20.00

Visitors must accompany the employee who is permitted to bring a maximum of 5 per family each visit.

Plan for your swimming pleasure now. We'll make it easy for you to show your interest and support of the program which is dependent on you for its success. Stop by or call Blanche Laskee at the Recreation Office, Extension 2808, and order your season pass. Checks should be made payable to BERA and mailed to the Recreation Office, Building 461. If you are ordering a "Family Pass," please tell us how many are in your immediate family so that we may issue a pass for each member.

Truck Customers Take Note

The food truck operated by Schraffits will be on the following schedule for the foreseeable future. The trial use of two trucks is discontinued since the volume of business conducted does not justify use of the second truck.

Schedule

Critical Facility	9:00
Boiler Room	9:10
Bldg. 120	9:16
Bldg. 750	9:22
Applied Math	9:32
Biology	9:41
Purchasing	9:50
Administration	10:00
Hospital	10:10
ADP	10:18
Fiscal	10:25
AGS	10:30
80" Bubble Chamber	10:37
Supply & Materiel	10:45
Tanden: Van de Graaff	10:50
Applied Math	10:59
Physics	11:09
DAS - 197	11:21
Reactor	11:30
Hot Lab	11:37
DAS - 811	11:44
AGS	11:50
80" Bubble Chamber	12:10

Gym To Be Closed

In order to provide time for the preparation and presentation of Visitor's Days, October 18-25, and the scheduled Lab-wide BERA Dance on November 7, the Gymnasium will be closed for all physical activities beginning October 13. It will reopen on its fall schedule at 5:00 p.m. on Tuesday, November 11.

The Swimming Pool will remain open as scheduled.

Rifle & Pistol Club Meeting

The regular monthly meeting of the BNL Rifle and Pistol Club will be held on Friday, October 3, at the Recreation Building on York Lane, at 8:00 p.m.

Classified Advertisements

Autos & Auto Supplies

MUFFLER - For Corvair, w/clamps. \$10. Ext. 2922.
51 BUICK SUPER - 4 dr, auto trans, r/h, excel motor, sound body but needs paint, everything works well, 100,075 mi, no longer need 2nd car. \$60 firm. Van, Ext. 2924; Sue, Ext. 7440.
65 MUSTANG CONV - V8, auto trans, ps, 2 tone int, 2 mounted snows 744-8579 after 6.
66 SPORT HONDA - Beautiful cond, 90 cc eng, 3000 mi on speedometer, terrific Sacrifice, \$200. 744-6433.
67 FORD SQUIRE WAGON - Auto trans, ps, p/discs, limit-slip diff, 390 cu in, new h.d. shocks, excel tires, many extras. \$1695. 728-0273 after 7.

5 TIRES - 4 have 1000 mi, 1 is brand new, 7.35x15. \$75 or will sell separately. R. Evans, Ext. 2198.

66 OPEL WAGON - Radio, luggage rack, snows, 55 hp Super Kadett eng, 25 mpg. \$550. Frank, AT6-9292 after 5:30.

51 DODGE - Nice car, semi auto, 57,000 orig mi. \$95. Ext. 2412, 732-3338.

64 CHEVROLET IMPALA - Clean car, full pwr, 6 cyl, 41,000 orig mi. \$1125. Ext. 2412, 732-3338.

61 BUICK ELECTRA - Full pwr, good tires. \$175. JU1-0737 after 5:30.

62 MGTD - Eng new, trans rebuilt, body good. JU1-0190 after 5:30.

64 DATSUN - Good body, but bad eng. Make offer. Ext. 7409, 286-3709.

2 TIRES - 7.35x14 w/w, brand new Guardsmen. \$35 takes 2. Ext. 2369.

68 PONTIAC EXECUTIVE - 4 dr sedan, r/h, ps/pb, w/w. Ext. 2375, 584-5216 after 6.

60 FORD STATION WAGON - R/h, ps/pb, good mech cond, dependable transportation. T. Daniels, Ext. 2735.

2 TIRES - 6.50x14 w/w, good tread. \$6 ea. C. Ferraro, Ext. 591.

64 CHEVROLET STATION WAGON - 4 dr, like new, excel cond, 6 cyl, std trans, ermine white, 4 new tires, 2 new snows mounted. LT9-2861.

68 OLDS 442 - Maroon, 4 spd Hurst, excel cond, 17,000 mi. \$2500. AT9-8236 after 6.

61 FORD GALAXIE - Auto trans, V8, good tires, will sell all or part, eng went bad. F. Rumph, Ext. 7581.

62 VOLVO - Mechanically good, body poor. \$100. B. Hersey, Ext. 7167.

62 RAMBLER AMB - 4 dr, V8, auto trans, r/h, ps/pb, good mech cond, good tires. \$125. Man who called Thurs, please call again. Ext. 7148, 924-8670.

60 CHEVROLET SEDAN - 4 dr, good cond, orig owner, auto trans, ps, radio. \$150. AN5-2453.

68 HONDA CL-350 SCRAMBLER - Green metalflake, new 4.00-18 rear avon s/m, excel cond. \$525. Bruce, Ext. 481.

57 CHEVROLET WAGON - 6 cyl, auto trans, runs well. \$150. Bruce, Ext. 481.

66 SIMCA - Red, radio w/reverb, heater, orig owner, low mileage. \$550. F. Toldo, Ext. 2473, 732-4224.

66 VW SEDAN - Blk, new brakes & clutch, radio, very good cond. Russ, Ext. 7343.

Boats & Marine Supplies

18' CABIN CRUISER - 40 hp Johnson elec, sleeps 2, head, full, canvas, compass, speedometer, equipped. \$875 firm. 286-8946 eves.

PROPELLER - 10"x11", for heavy hull, fits 40 hp Johnson or Evinrude outboard. \$10. F.J. Keute, Ext. 2580, GR5-2287.

15' THOMPSON 1958 - Fiberglassed bottom, \$75; Little Dude trailer, newly painted, new rails/bearings, \$100. Together \$150. H. Ach, 929-8187 after 5.

16' BOSTON WHALER - "Sakonnet Model," 60 hp Evinrude, trailer, extras. B. Museler, Ext. 7676.

25' OWENS 1961 - New eng, equipped. \$2200 firm. Chas. Horn, Ext. 516, EM3-2042 after 6.

19' SAILBOAT - Cabin, sleeps 2, dacron sails, s.s. rigging, outboard well, seat cushions. \$1250. Ext. 2360.

JOHNSON 80 HP MOTOR - Elec start, single lever control, used 2 seasons, perf. Asking \$650. Kazdin, Ext. 7576.

16' FIBERGLASS RUNABOUT - 1966 Sportcraft, '66-40 hp elec start, navy top, side curtains, cover, in water. \$1200. Ext. 7353, 587-9372.

BEETLE CAT SAILBOAT - In commission. \$400. Ext. 2101, 286-0384.

SAILING DINGHY - Fiberglass, dacron sails, end of season sale. Ext. 691, 929-4270.

ZOBEL 17' INBOARD SKIFF - 60 hp Palmer, fully equipped. \$300. E. Kaplan, Ext. 2411.

20' CABIN CRUISER - Inboard 95 hp f.w.c., sleeps 2, enclosed head, galley, sink, extras. Petruk, Ext. 2142. AT6-0124.

ALUM 12' BLUE - Oars, anchor, 1yr old, very good cond. Cost \$170, asking \$100. Ext. 2120 after 5.

Ads left out of this issue because of lack of space need not be re-submitted in order to run in next week's issue

Miscellaneous

POOL TABLE - 3 yrs old, full size; ping pong table, dinette set. JU1-0737 after 5:30.

ENGLISH SPRINGER SPANIEL - Champion sired, 10 wks old, blk & white, all shots. 878-1048.

POODLE - AKC reg, 2½ yrs old, blk, min, male, has all shots, good blood line. \$55. 929-8109.

18" COLOR TV - New, stand incl. \$275. J. Follenius, Ext. 2376.

HEATHKIT 25" COLOR TV - Built in dot generator, compl manual, picture tube slightly gassy, walnut cabinet. \$200 or make offer. Jim, Ext. 7793, 281-8725.

SUPER 8 MOVIE PROJECTOR - Bell & Howell, w/reverse & stop action, like new cond. \$80. Joe, Ext. 7769, 281-3962.

CAMP TRAILER - Apache Chief tent camper, excel cond. Ext. 691, 929-4270.

SECTIONAL - 4 pc colonial, apt size, \$75; maple corner table, \$35. Ext. 2816, GR5-7372.

TRADITIONAL WEDDING DRESS & SLIP - Size 7. Orig \$200, asking \$75. Agnes, YA4-8462 after 5.

SMITH CORONA OFFICE TYPEWRITER - Good cond. S. Kochis, Ext. 2411, 744-5445.

PLAY YARD FENCING - 90'x3', heavy-duty, w/steel posts. \$15. J. Conant, Ext. 7804, AT6-2266.

GIRL'S COAT - Size 12, wool, fully lined, brown, like new, 2nd fur-collared coat free w/purchase, must be seen. Warren D., Ext. 7677.

BABY ITEMS - Spider walker, \$2; car seat, \$2; crib mattress, \$5; seldom used. J. Conant, Ext. 7804, AT6-2266.

CHILD'S HIGH CHAIR - Stainless steel tray, clean. \$8. C. Ferraro, Ext. 591.

SLIDE PROJECTOR - Olympus Pen, compl, excel cond, ultra compact. Torre, Ext. 423.

RCA WHIRLPOOL DISHWASHER - Portable, holds place setting for 15. \$50. H. Alexandersen, LT9-0996.

ALUM STORM DOOR - 36"x80", w/hardware, side pieces, grille & handlebars. \$20. H. Alexandersen, LT9-0996.

2 WOODEN SCHOOL DESKS - \$5 ea. C. Ferraro, Ext. 591.

CERAMIC TILE INSTALLED - & repair. AT6-9304.

1 WHEEL UTILITY TRAILER - \$45. Ext. 639.

1 CORDUROY CAR COAT - Brown, size 46, \$15; 1 topcoat w/inner zippered lining, size 46, \$20. J. Zahra, Ext. 7382, HR3-2889.

HUNTING OUTFIT - All red, hooded jacket size 46, pants size 40. \$10 for all. J. Zahra, Ext. 7382.

SEARS ELEC SLICING MACHINE - Like new. Was \$48, now \$25. Mrs. C. Gottschalk, 281-8111.

ELEC GUITAR - Saturn, like new, & amplifier (old). \$50. Mrs. C. Gottschalk, 281-8111.

ASSTD SIZE 14 CLOTHES - Incl 2 coats, several 2-pc suits, some w/tags still on. C. Newlands, 732-2025 after 3.

HOUSEHOLD ITEMS - Incl washing machine, \$35; 3 maple tables, \$5 ea; colonial rocker, \$20; colonial bookcase, \$25; bird cage w/acc, \$10; bric-a-brac; misc. Terri, Ext. 2588.

PIANO - "Upright grand," good cond. Ext. 698, SE2-5218 after 5.

END OF SUMMER BARGAIN - Rotary gasoline lawnmower, perf running cond. \$20. Mrs. Neill, AT6-1268, 6-7 p.m.

FIREPLACE LOGS - Seasoned oak. 12/\$1. 924-3236.

DANISH MOD WALNUT CRIB - Childcraft brand. \$10. 928-0208.

CAMERA - 35 mm Yashica Electra, new, w/case & flash, f1.7 lens, auto exposure & shutter. List \$120, asking \$75. George, RA8-0066.

GAS FURNACE - "Through-the-wall-vent," Sears nearly new, easy to install, 70,000 BTU, auto thermostat, blower, humidifier, natural or bottled gas. \$120. Van, Ext. 2924; Sue, Ext. 7440.

DRUM SET - 5 pc, very good cond. \$125. JU1-8751.

FREE - 2 male guinea pigs, must take both. C. Nielson, Ext. 7676.

FIREPLACE SCREEN - Brass peacock, very unusual, \$30 firm; car bed, no mattress \$3. 744-6433.

LOBSTER POTS - Brand new, never used, nylon nets. Orig cost \$12 ea, sacrifice at \$5 ea. 744-3807.

26" BOY'S BICYCLE - 3 spd. \$20. Wright, Ext. 522.

ELEC GUITAR - W/case & amplifier, perf cond. \$65. AT6-0295.

BEDRM SUITE - Dbl bed, chest of drawers, antiques, mattress & springs only 1 yr old. \$50. 286-9211.

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

SOUTHAMPTON - Country Club Knolls, lot 140x200, high elevation, prime residential, forced sale. \$7500. HR3-0178 eves.

3 BEDRM HOUSE - Liv rm w/fireplace, din rm, eat-in kitchen w/stove, refrig & dishwasher, play rm, lg basement, low taxes, prime res. \$23,000. By appointment, AT6-0868.

SOUTHAVEN - 6 rm colonial ranch on ½ acre, 1½ baths, fireplace, garage, 3½ yrs old, 6% mort. \$24, 500. J. Conant, Ext. 7804, 286-2266.

SHOREHAM - Cape Cod, 7 rms, 2 baths, wooded lot, deeded beach rights. 744-2216.

Classified Ad Policy

Deadline is 12 noon Friday for publication the following week.

- The Brookhaven Bulletin's classified section may be used only by active and retired Laboratory employees.
- All items for sale or rent must be the advertiser's property.
- Ads for material acquired for resale in association with a full or part-time business cannot be accepted.
- Firearms offered for sale or trade may not be brought on site.

- Ads not carried because of space restrictions will be held for publication in the next issue.
- Ads are run only once and must be resubmitted if they are to be repeated.
- 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

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 112, 40 Brookhaven Avenue.

(Name & Phone No. To Call)

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

Send to: Brookhaven Bulletin, 40 Brookhaven Avenue