

Guilty Plea in 1992 Shooting at RHIC Ring

The gunman in a January 1992 shooting incident at the RHIC ring involving a BNL patrol officer has pleaded guilty to federal charges of reckless endangerment.

Keith Musselman, 20, of Ridge, now awaits sentencing in connection with the incident, in which he fired five shots from a .22-caliber rifle toward an occupied BNL police vehicle at the northernmost part of the RHIC ring, BNL police said. He is currently under house arrest in Ridge, a community on the Lab's northern border.

Musselman could receive a sentence of up to seven years and/or a maximum \$250,000 fine, said Gary Gross, the BNL intelligence officer who assisted the Federal Bureau of Investigation (FBI) in the investigation that led to Musselman's arrest. Because BNL is a federal reservation, the charges against Musselman fall under the jurisdiction of the federal judicial system.

On January 21, 1992, while patrolling the RHIC ring at around 4:20

p.m., BNL Patrol Officer Brian Buckheit saw Musselman and four younger boys on the wood line at the ring's 12-o'clock position. When the youths saw the police vehicle, they apparently turned to reenter the woods. However Musselman turned back and fired the rifle.

Buckheit heard five shots and determined that they were hitting the ground near his vehicle, Gross said. No BNL employees other than Buckheit were near the remote, snow-covered area. As Buckheit radioed Police Headquarters for assistance, both the gunman and the juveniles escaped into the woods. The BNL and Suffolk County police and the FBI were notified and the investigation began.

Over the course of the next eight months, Gross, who acts as BNL's liaison to both local police and the FBI, helped locate for questioning other youths who reside on the northern perimeter of the Lab's property.

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BNL Patrol Officer Brian Buckheit shows Gary Gross, Safeguards & Security Division, the approximate location on the RHIC ring from which Keith Musselman shot at the police vehicle that Buckheit occupied in January 1992. Musselman recently pleaded guilty to federal charges of reckless endangerment in connection with the incident.

Committee Seeks Candidates For Associate Director, BES

John Axe, who has been BNL's Associate Director for Basic Energy Sciences (BES) since March 1990, has asked to be relieved from this position so he can return to full-time research. To accommodate his request, Laboratory Director Nicholas Samios has established a search committee to look for Axe's replacement.

The committee, which will develop a list of suitable candidates for Samios' consideration, is chaired by Senior Physicist Victor Emery, Physics Department.

Emery explained that this Associate Director oversees BNL's programs that are supported by the Office of Basic Energy Sciences in the U.S. Department of Energy. This includes research programs within the Applied Science, Chemistry and Physics Departments. The Associate Director for BES also has responsibility for the National Synchrotron Light Source (NSLS) and for the research program at the High Flux Beam Reactor.

Anyone who has suggestions or nominations may contact Emery, Bldg. 510A, or one of the other search committee members: John Armstrong, IBM; Robert Birgeneau, Massachusetts Institute of Technology; William Brinkman, AT&T Bell Labs; M. Sue Davis, BNL Associate Director for Reactor, Safety & Security, Bldg. 460; Samuel Krinsky, NSLS Deputy Director, Bldg. 725B; and Norman Sutin, Chairman, BNL Chemistry Department, Bldg. 555A.

AUI Offers Long-Term Care Plan

Today, more people are living longer, healthier lives than ever before. Yet, as life expectancy increases, so does the likelihood that they will need some type of long-term care. Consider these facts:

- During their lifetimes, 25 to 40 percent of Americans will need long-term care.
- One year of care in a nursing facility can cost \$60,000; at-home care can cost \$20,000 annually.
- Private medical plans and Medicare do not cover these costs.

When age, illness or disability makes people physically dependent, this financial burden can fall solely on their spouses and families—often exhausting their life savings in less than a year. How can this outcome be avoided?

Associated Universities, Inc. (AUI) is about to offer employees an answer to this question: Effective January 1, 1994, a new group insurance plan will offer long-term care coverage.

Underwritten by Aetna Life Insurance Company, the AUI Long-Term Care Plan covers a participant who, because of injury, illness or aging, needs continual help from another person to carry out activities of daily living for an extended period of time.

This plan is available to all active full-time employees, part-time employees scheduled to work 20 or more hours per week, their spouses, parents and parents-in-laws, as well as to retirees, their spouses and surviving spouses.

During the initial enrollment, which starts on October 1, employees are guaranteed coverage providing that they are actively at work on the plan's effective date. Retirees, spouses, parents and in-laws must complete a medical questionnaire and be approved by Aetna.

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Update on Women's Programs — Not for Women Only

Appointed Women's Program Coordinator (WPC) last May, Victoria McLane is now regularly addressing the employment concerns of women at BNL and assisting in implementing programs that respond to their needs. She is handling her WPC duties on a part-time basis as she continues her responsibilities as a senior physics associate in the Department of Advanced Technology (DAT).

As WPC, McLane is working with the recently formed Women's Program Advisory Committee, which she appointed. This group includes: Harriet Martin, Technical Information Division; Nancy Nelson, DAT; Hue-Anh Pham, RHIC Project; Gail Schuman, Biology Department; and Joyce Tichler, Department of Applied Science. Barbara Schmidt, Personnel Division is assisting McLane in the Women's Program Office.

Just over three months into her tenure as WPC, McLane has several things to report:

- In a program sponsored jointly by



Working with Women's Program Coordinator Vicki McLane (back right) and Barbara Schmidt (back left), who assists McLane in the Women's Program Office, is the Women's Program Advisory Committee, which includes: (front, from left) Nancy Nelson, Harriet Martin, Gail Schuman, (back, center left and right) Hue-Anh Pham and Joyce Tichler.

— Photos in this issue by Roger Stoutenburgh

Brookhaven Women in Science (BWIS), Professional Secretaries International (PSI) and the Women's Program Office, McLane will present a videotape entitled "Breakthrough Strategies for Women," on Thursday, August 19, at noon, Berkner Hall, Room B. In this video, Pat Heim, of the consulting firm of Heim & Associates, brings intelligence and humor to business problems arising from "cultural differences" between men and women. All are invited; bring your lunch.

• This year's Federally Employed Women (FEW) National Training Session was held July 26-30 in Las Vegas. The Women's Programs Office sponsored two attendees: Veronica Evans, Computing & Communications Division, who represented BWIS; and Florence O'Brien, DAT, representing PSI. Additionally, after the office notified all departments and divisions about the conference, a total of 20 BNL women attended. Some of them will

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AUI Offers Long-Term Care Plan

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The full premium cost for this coverage will be paid by participants, based on the applicant's age and the daily benefit option selected. Premiums for active employees and their spouses will be paid through payroll deduction; employees' parents and in-laws, and retirees and their spouses will be billed directly through Aetna.

The AUI Long-Term Care Plan offers a solution to the problem of how to finance certain personal and health-care expenses not covered by most standard medical plans or federal programs like Medicare. Also referred to as custodial

Guilty Plea

(cont'd)

Meanwhile, Musselman fled the state and a federal warrant for his arrest was issued. In October, police in New Port Richey, Florida, arrested him on separate charges and discovered the warrant. He was sentenced to two years' house arrest for the Florida charges and then extradited to New York to face the federal charges.

Musselman was held in various federal detention centers from October 1992 until July 1993 during which time he changed his plea several times.

On July 21, Musselman pleaded guilty to the federal charges. His sentencing will probably take place this fall. Until that time, he will remain under house arrest wearing an elec-

tronic monitoring device on his ankle.

Russel Reaver, Manager of the Safeguards and Security Division, said he is glad Musselman is finally in custody. Reaver noted that trespassing has been a problem at the Lab site and that BNL has taken a hard-line approach toward preventing it.

"The Lab is interested in protecting not only the health and safety of its employees, but also the health, safety and rights of the surrounding community from dangerous acts and practices," he said.

"It's for their own safety that trespassing on the site is prohibited," said Gross. "The construction around the RHIC ring does pose some hazards, and kids shouldn't be around there."

— Kara Villamil

care, long-term care provides help with walking or dressing, household activities such as meal preparation, or a variety of home-administered health care services.

Under the AUI plan, a participant can:

- **Select a daily benefit option** that pays \$75, \$100, \$125 or \$150 a day for care received in a nursing home, or half the daily benefit amount for care at an adult day-care facility or at home.

- **Lock in a premium cost** that will not go up due to aging or use of the plan.

- **Choose the type and location of care** that is most convenient — home care, adult day care or nursing facility care.

- **Be cared for by an informal caregiver**, such as a family member, and still receive the daily benefit.

In addition, the AUI Long-Term Care Plan offers several financial features:

- **Inflation protection** — Provides annual opportunities to increase coverage to keep pace with inflation or the participant's own financial needs.

- **Portability** — Allows continuation of coverage for participants no longer eligible through employment at BNL, who lost eligibility through the death of or divorce from an BNL employee, or through the discontinuance of the group contract.

- **Nonforfeiture options** — Offers an extended term of insurance or a reduced paid-up benefit for life to individuals who discontinue participation.

- **Return of contribution** — Provides individuals who enroll as active employees or the spouse of an active employee with a refund of premiums upon the death of a plan participant who is currently paying premiums.

The Brookhaven Bulletin will publish more information about the AUI Long-Term Care Plan in the near future.



New Club Bridges Hands of Time

In March 1948, the Brookhaven Employees Recreation Association (BERA) was formed, with eight clubs within its ranks —including a bridge club. While the original club folded its hand over a decade ago, the new BERA Bridge Club picked up its cards this June, when it was formally recognized as a BERA affiliate.

The new club's members meet at 7:30 p.m. every Tuesday night at the Brookhaven Center to play what is officially known as duplicate contract bridge, the competitive form of the game. On a usual evening, four to five tables of people play 20 to 25 hands of cards, or boards, over three hours.

The actual boards that hold the hands of cards came from Bill Sampson of the RHIC Project, a member of the original club during the 1960s and 70s. "The boards themselves look like they are from the 1940s," says Willem van Asselt, BERA Bridge Club president and a physicist at the Alternating Gradient Synchrotron.

Having learned the game as an undergraduate in his native Holland and played competitive bridge as a graduate student, van Asselt decided to organize a club at Brookhaven at the urging of his marriage and bridge partner Judy van Asselt.

"We couldn't find any partners to play with on our own, so we thought that, by advertising for a club, we would find some at the Lab — and we were right," says Judy van Asselt. Among their new bridge partners are Alfredo and Mimi Luccio, who also were members of the first club.

Bridge is played by four players joined in two pairs using a standard deck of 52 cards. Most likely, the game originated in the Middle East and was derived from whist. The goal of each bridge hand is for each partnership to win as many tricks, or rounds of four cards, as possible.

After all the cards are dealt, 13 to each person, players bid on their cards by predicting how many tricks their respective partnership will win. The player who makes the biggest prediction wins the bidding and is said, in bridge parlance, to have "bought the contract."

If the contract is fulfilled after the hand is played, the bid-winning partners earn points for every trick that they predicted they would win and then some more for tricks won above



Members of the new BERA Bridge Club are: (clockwise by table, starting at left) Joe Christian and Minette Cummings; Connie Fuchel, Bridge Club president Willem van Asselt, Kurt Fuchel and Judy van Asselt; Stephen McAlary, Mimi Luccio, Jean McAlary and Alfredo Luccio; and Bryan Culwick, Louise Heusinkveld, Anne Dryer and Bob Warkentien. Originally used by the first BNL bridge club formed in 1948, the boards that hold the hands of cards are seen in the center of each table.

and beyond their prediction. On the other hand, if their opponents prevented the bid winners from fulfilling their contract, the contractors are penalized points.

What is duplicated in duplicate contract bridge is each hand of cards. And that is where the 28 boards from the 1940s come in.

At the beginning of an evening of club bridge, all decks are shuffled and dealt into four hands each. Four hands are individually inserted into the slots of a board, 13 cards per slot, one deck per board. Each slot is marked either north, south, east or west.

Sitting at opposite sides of the bridge tables, partners are designated as either north and south, or east and west. When a table has completed one round of boards, the north-south pair either stays where they are to face a different easterner and westerner, or everyone switches tables and partners may change geographic designations. The table changing and geography are controlled by rules called the Howell movement.

As a result, "the play of every board is duplicated" explains van Asselt, and, hence, the name duplicate bridge.

"But everyone will play each board differently," he continues. "For instance, one pair may make nine tricks with a certain board, but better partners will make ten. By keeping track of each pair's score for every board, we can compare how well each pair is doing relative to the others—and these statistics encourage people to work on their bidding skills, opening leads, knowledge of the rules and so on."

According to the rules, each game is supposed to take seven minutes — but, since the members are either new to contract bridge or their skills are rusty, time is not of the essence right now. In time, however, van Asselt hopes everyone will get up to speed.

Another goal is to recruit more members so that each pair can play against and compare themselves with more partnerships, and thus improve their games even further.

— Marsha Belford

Bridge players with or without partners are invited to attend the next meeting of the BERA Bridge Club on Tuesday, August 17. For further information, call Willem van Asselt, Ext. 7778, or Stephen McAlary, Ext. 7397.

Users Group Formed For WordPerfect 5.1

The Computing & Communications Division (CCD) is now sponsoring a weekly WordPerfect 5.1 Users' Group — a forum for advanced users to exchange ideas and problems pertaining to the business use of WordPerfect.

Moderated by Pat O'Connor, CCD, the group will discuss such topics as creating forms with tables, column formats, using macros, adding graphic images, creating styles, inserting equations and merging files, and it will feature helpful tips and tricks. Upcoming meeting dates and topics will be announced in the Bulletin.

The next WordPerfect 5.1 Users' Group meeting will be held on Tuesday, August 17, from 10 to 11 a.m., in the CCD seminar room, Bldg. 515. The topic will be "Creating Viewgraphs."

Seating is limited, so confirm attendance by August 16 by calling Pat O'Connor, Ext. 7341, or Maria Gatz, Ext. 5196.

Women's Programs (cont'd)

share their experiences at a lunch-time meeting to be announced in a future Bulletin.

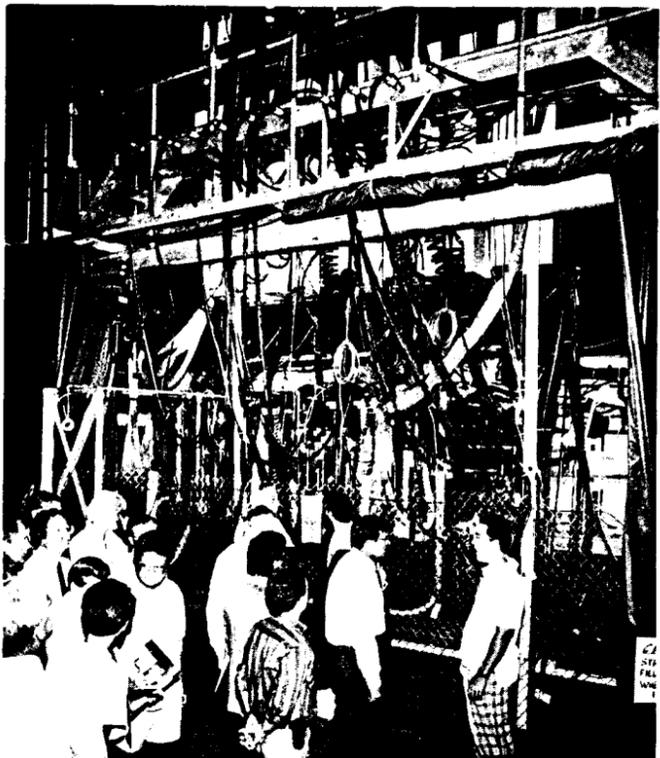
- A preliminary summary has been issued from the **Third Review of Women's Programs** held at Oak Ridge National Laboratory last May. For a copy, contact Schmidt, Ext. 2886.

"Through occasional Bulletin articles such as this one," said McLane, "I plan to keep the Lab community apprised of new plans and programs, and I invite participation and comments from all men and women at BNL. I also plan to visit and exchange information with different departments and divisions."

To share your thoughts or for more information about the Women's Program Office, contact McLane, Bldg. 197D, Ext. 5099; or Schmidt, Bldg. 185, Ext. 2886.

Addled Addresses

- Brookhaven National Labo
- US Ept of Energy Brook
- Brookhaven Ntl Labs
- 1-1/2 mi. N of Lang Island
- Spookhaven National Laboratory
- . . . Brookhaven Natl Lab has been declared the big \$1,666,655.00 winner . . .



Visitors Explore Options For Research, Tech Transfer

On Friday, July 30, Peter Cressy (second from right), Chancellor of the University of Massachusetts-Dartmouth (UM-D), led a delegation of college presidents and administrators and textile industry executives on a visit to BNL. Those from the textile industry explored options for technology transfer. The academic contingent was primarily interested in research opportunities available at Brookhaven, such as this experiment at the Multiparticle Spectrometer at the Alternating Gradient Synchrotron (AGS). Run by a collaboration that includes BNL, Indiana University, the University of Louisville, UM-D, the University of Notre Dame, and IHEP at Serpukhov and Moscow State University, both in Russia. AGS Experiment 852 is a search for mesons with unusual quantum numbers, for example, hybrid mesons, or mesons that are mixtures of quarks and gluons.

In Memoriam

The following retirees passed away recently:

Chester Dolinski died on August 7, at the age of 64. He was hired as a machinist in the Central Shops Division, October 24, 1966. After 22 years in that division, he left the Lab on November 11, 1988, as Tool & Instrument Maker Group Leader.

Malvina P. Krupski died at the age of 74, on August 9. She began her 22-year association with the Safety & Environmental Protection Division on April 6, 1959, as a personnel monitoring technician II trainee. She retired on December 31, 1981, as a senior technician.

Buy Tickets Today For Great Adventure

Today is the last day to stop in the BERA Sales Office in Berkner Hall and buy discount tickets for Six Flags Great Adventure Amusement Park in New Jersey — but the tickets you buy today can be used throughout the 1993 season. BERA prices are \$20 for park tickets that cost \$30.68 at the gate and \$22 for the park-safari combo that is normally \$31.74.

For more information, call Andrea Dehler, Ext. 3347.

Note to Employees:

Attendance at lectures, meetings and other special programs held during normal working hours is subject to supervisory concurrence.

Afro-American Culture Club

12th Annual Picnic

For all BNLers and their families

Saturday, August 21,
noon to 6 p.m.

gazebo area of ball fields

Tickets: Adults — \$5, Children under 12 — \$3

Purchase tickets from:

April Donegain, Ext. 2459; Pauline Dixon, Ext. 2164; Sarah Ebron, Ext. 2232; Barbara Kponou, Ext. 5104.

UNIX Training

As a result of the article about computer training published in the Bulletin of July 30, UNIX training is scheduled for September as follows:

- 9/20-22 — Introduction to UNIX, \$300
- 9/22 & 23 — C Shell Programming, \$200

To register for these classes, send an ILR for the appropriate amount to Pam Mansfield, Bldg. 515, before August 27. For more information, contact Mansfield, Ext. 7286.

A New Face In BERA Sales



Andrea Dehler is the new Sales Clerk in the BERA Sales Office, which is partitioned off the lobby in Berkner Hall, along with the Omega World Travel office for employees' private travel.

Stop in and meet Dehler any work day between 9 a.m. and 1:30 p.m., or call Ext. 3347, to take advantage of several sales and services, which include: photo processing; film; greeting cards; postcards, balloons; BNL mugs and buttons; a variety of discount tickets and handouts; wholesale club information; and redemption of BERA Participation Awards.

Atlantic City Trip

The next one-day, BERA bus trip to the Trump Castle Hotel & Casino on the Marina in Atlantic City is set for Saturday, September 11. The initial cost will be \$25, but the hotel-casino will give a \$10 coin return and a \$5 deferred-return voucher.

The bus will leave the Brookhaven Center promptly at 9 a.m., with a pickup at LIE Exit 63, if requested. Return will be about 11:45 p.m. Sign up at the BERA Sales Office in Berkner Hall, weekdays, 9 a.m. to 1:30 p.m. For more information, call Andrea Dehler, Ext. 3347; Kay Dellimore, Ext. 2873; or Rosalie Piccione, Ext. 3160.

Call for Bowlers

Although summer is not yet over, it's time to "think bowling" again! Applications for the Tuesday night men's league in Port Jefferson and the Thursday night mixed league in Shirley are at the BERA Sales Office.

Priority registration for existing teams is due by August 20; new team registrations are due by August 27. A captains' meeting will be held on Wednesday, September 1, at noon, in Berkner Hall, Room B.

So join up for a night of fun. You do not have to be a great bowler, just a willing one! For information, contact Ray Raynis, Ext. 3536, or Maryann Reynolds, Ext. 5241.

Softball

Standings as of 8/6

League 1			
Phoubars	12-3	Six Pax	7-8
Blue Jays	7-6	Ravens	6-9
Up & Atom	7-8	Magnus	4-9

League 2			
Cocoon	11-1	Titans	5-7
Dirty Sox	10-3	Scram	5-9
Revised Edition	10-5	Older Butt Wiser	4-8
Phase Out	6-6	Big Sticks	4-8
Lights Out	5-7	Hy Tech	3-9

League 3			
Lunatechs	10-2	Bombers	6-7
Medical	9-5	Quantum	4-7
Surefire	8-6	Feds	0-10

League 4		League 5	
Sting Rays	14-0	Goodtimers	12-2
Snakebites	11-3	Worst to 1st	10-4
Simply Awesome	9-4-1	Varmints	9-5
Personnelities	6-8	What's on 2nd	7-7
Just 4 Fun	5-9	Source	6-8
Roustabouts	5-9	Lead Bottoms	5-9
Park Avenue	3-10-1	Skeleton Crew	3-11
Molson Express	2-12	Wellheads	3-11

Arrivals & Departures

Arrivals

Robert W. McKay Plant Eng.
Jennifer M. Mc Nerney Fiscal

Departures

None



Even if your angelic white cat suddenly has 13 devilish darling kittens today, don't get thrown off course. When you go for the extra kitty litter, REMEMBER TO BUY YOUR DONATION FOR THE BNL FOOD DRIVE

Tuna Corn Mayo Jelly Peanut Butter

PICKUP ALL NEXT WEEK

Two Concerts Coming Up

The Brookhaven Employees Recreation Association (BERA) has two very different concerts coming up:

The bluegrass ensemble, **Buddy Merriam & Back Roads**, will present an outdoor concert on Friday, August 20, at 7 p.m., on the lawn behind Berkner Hall. All BERA members, their families and friends are welcome. Just bring your own lawn chairs, blankets and snacks.

At \$7 for adults and \$3 for children under 12, tickets are on sale at the BERA Sales Office in Berkner Hall from 9 a.m. to 1:30 daily; after 1:30 p.m. at the Recreation Office in Personnel, Bldg. 185, or from:

	Bldg.	Ext.
April Donegain	134	2459
Andrea Epple	750	4424
Skelly Frei	750	7898
Augie Hoffman	510	3884
Pat Manzella	185A	3336
Betty Pergan	179B	2937
Rosalie Piccione	355	3160
Bridget Ramos	197	3452
MaryAnn Reynolds	703	5241

The 1993-94 BERA Concert Series will arrive early — on Tuesday, August 24, at 8 p.m. in Berkner Hall. The **Guild Trio** will give a special summer concert.

The program will include: Beethoven's Trio VIII in G Major, Opus 121a, "Kakadu"; "To the Spirit Unconquered" (1992), inspired by Primo Levi's writings on the Holocaust and composed by Sheila Silver; and Brahms' Quartet in G minor, Opus 25.

Purchase tickets at the door for \$14, general admission; \$9, students and people over 65; and \$5, youths under 18. Block tickets can also be bought at this first concert of the season, for \$10 each for a minimum of four tickets; or buy them beforehand at the BERA Sales Office, weekdays from 9 a.m. to 1:30 p.m., or from:

	Bldg.	Ext.
Leroy Blumberg	725C	4600
M. Kay Dellimore	185	2873
Michael Goldman	911B	5090
Howard Gordon	510A	3740
Geoffrey Hind	463	3400
Richard Holroyd	555A	4329
Alfredo Luccio	911C	7699
Edwin Popenoe	490	3622
Stephen Schwartz	426	3100

Cafeteria Menu

Monday, August 16
Soup: Split pea .80/1.10
Entree: Broccoli PizzAmore 2.75
Fitness: Pasta w/steamed vogs. 3.25
Carvery: Pastrami sandwich 2.95
Grill: Reuben platter 2.95
Fitness Salad: Tomato & mozzarella cheese

Tuesday, August 17
Soup: Beef & mushroom barley .80/1.10
Entree: Italian sausage hero sandwich 3.25
Fitness: White bean & eggplant casserole 3.20
Carvery: Hot roast beef sandwich au jus 2.95
Grill: Chicken teriyaki w/rice 3.35
Fitness Salad: Chef's tuna salad

Wednesday, August 18
Soup: Cream of broccoli .80/1.10
Entree: Yankee pot roast w/veg. 3.35
Fitness: Baked lemon chicken 3.45
Carvery: Baked Virginia ham sandwich 2.95
Grill: Monte Cristo platter 2.95
Fitness Salad: Fresh fruit entree

Thursday, August 19
Soup: New Orleans chicken gumbo .80/1.10
Entree: Veal Parmesan w/veg. 3.35
Fitness: Chicken tacos 2.25
Carvery: Corned beef sandwich 2.95
Grill: Philly cheesesteak platter 2.95
Fitness Salad: Turkey Waldorf platter

Friday, August 20
Soup: Manhattan clam chowder .80/1.10
Entree: Catch of the day w/veg. 3.50
Fitness: Display cooking special entree
Carvery: Roast turkey sandwich w/gravy 2.95
Grill: Tuna melt sandwich platter 2.95
Fitness Salad: Chef's salad
Burger, Deli & Taster's Bar specials daily.

BROOKHAVEN BULLETIN

Published weekly by the Public Affairs Office for the employees of BROOKHAVEN NATIONAL LABORATORY

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Classified Advertisements

Placement Notices

The Laboratory's placement policy is to select the best-qualified candidate for an available position. Consideration is given to candidates in the following order: (1) present employees within the department/division and/or appropriate bargaining unit, with preference for those within the immediate work group; (2) present employees within the Laboratory; and (3) outside applicants. In keeping with the Affirmative Action plan, selections are made without regard to age, race, color, religion, national origin, sex, handicap or veteran status.

Each week, the Personnel Division lists new placement notices. The purpose of these listings is, first, to give employees an opportunity to request consideration for themselves through Personnel, and second, for general recruiting under open recruitment. Because of the priority policy stated above each listing does not necessarily represent an opportunity for all people.

Except when operational needs require otherwise, positions will be open for one week after publication.

For more information, contact the Employment Manager, Ext. 2882, or call the JOBLINE, Ext. 7744 (282-7744), for a complete listing of all openings.

SCIENTIFIC RECRUITMENT - Candidates may apply directly to the department representative named.

POSTDOCTORAL RESEARCH ASSOCIATE - Trained in chemistry. Experience in molecular or surface chemical physics is preferred. Areas of research may include the study of molecular photoionization dynamics and spectroscopy using coherent VUV radiation; state-selective measurements of VUV and collision-induced chemi-ionization reactions; and development of a program in gas-surface photochemistry and reactive scattering using state-selective product detection. Contact: Michael White, Chemistry Department.

SCIENTIST - With advanced degree in experimental physics (preferred) or computer science, and experience in implementing complex data-acquisition systems involving multiple processors and high data rates. Requires familiarity with Fortran and C, object oriented languages, database management, code management and embedded processors. Responsibilities will involve the development of software for data acquisition for STAR, an experiment at RHIC based on a TPC. Contact: Michael LeVine, Physics Department.

PHYSICIST - To serve as liaison between a major RHIC experiment and the RHIC Project Detector Division on management and technical issues. Experience in high energy and/or relativistic heavy-ion experiments at accelerator facilities is required. Contact: Thomas Ludlam, RHIC Project.

LABORATORY RECRUITMENT - Opportunities for Laboratory employees.

DD 2434. **SECRETARIAL POSITION** - (term appointment) Requires an AAS in secretarial science or equivalent, excellent communication skills and demonstrated organizational skills, as well as a thorough knowledge of Laboratory policies and procedures. WordPerfect 5.1 and IPAP experience are required; previous experience with Novell Network system is desired. Will provide varied secretarial support throughout the Budget Office. Budget Office.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside applicants.

LS 2725. **CONSTRUCTION INSPECTOR (ARCHITECTURAL)** - Requires substantial experience in all facets of construction work, knowledge of OSHA construction regulations and the ability to understand and interpret construction documents. Knowledge of mechanical and electrical systems highly desirable. Will be responsible for inspecting and coordinating all phases of construction work, especially architectural, structural and civil, and functioning as liaison with Laboratory staff in coordinating daily construction effort. Plant Engineering Division.

Boats & Marine Supplies

26' PEARSON SLOOP - 1974, 1991 9.9 elec. start Evinrude ob., new Harken furling, sleeps 5, extras, clean, asking \$6,500. Mike, Ext. 5972 or 744-4579.

23' VENTURE - Newport, 1977, sleeps 4, pop-top, 7.5-h.p., cutter rig, rollerfurl, head, sail, trailer, \$3,200 neg. Richard, 924-4895.

22' STAR-CLASS 6210 SAILBOAT - all glass, double hull, 2 sets sails, sail cover, 3-h.p. Yamaha ob., trailer, measurement cert. \$3,500. Bernice, 472-1735.

22' THOMPSON - 1986, 190-h.p. Mercruiser i/o, 8' beam, cuddy, DF, VHF radio, porta-potty, full canvas, in water. Sue, Ext. 7235 or 395-3529.

Furnishings & Appliances

AIR CONDITIONER - Fredrich Quietmaster, 8,000 Btu/hr., 10 seer, new \$570, asking \$300. Ellie, Ext. 3395 or Ken, 325-1537.

AIR CONDITIONER - window unit, GE, 5,800 Btu, \$85; GE stove w/self-cleaning oven/window, many options, good cond., \$170. Ext. 3701.

BED - full-size, pedestal, w/large storage area, like new, \$100. Dennis, Ext. 4218 or 929-5914.

BED - queen-size mattress & frame, \$120. Bo, Ext. 3537.

BEDROOM SET - Atlantic, Formica, teen, 3 yrs. old, orig. \$4,000, now \$1,500. Sue, Ext. 3492 or 734-2593.

BEDROOM SET - oak, double bed, 2 dressers, night stand, \$250; dresser, \$20; captain's bed, \$25, misc. furnishings. Sheila, Ext. 3144.

BUNK BED - w/mattresses, used 3 months, orig. \$650, sell for \$200. Mike, Ext. 7165.

CHANDELIER - black wrought iron w/crystal candleabra, 6 lights, \$50 or best offer. Pat, Ext. 727-0547.

FREEZER - white, built-in lock, GE, 18 cu. ft. upright, excel. cond., \$350. Ann, Ext. 5740 or 744-8386.

FREEZER - upright, 8 cu. ft., runs well, \$100. Tom, Ext. 2075.

LIVING ROOM SETS - 2: floral pastel print w/glass & marble coffee table; pastel splash w/oak tables. Vinny, 582-6241.

RUG - 6'x9' \$20; bean bag chair, \$10; Hoover vacuum, \$45; 3 spd. bike, \$15; child's swing. Kathy, 744-2203.

CHAIRS - 4, thatched ladderback, new, \$35/ea. Theresa, 289-0898.

RUG - 6'x9', \$20; bean bag chair, \$10; Hoover vacuum, \$45; 3 spd. bike, \$15; child's swing. Kathy, 744-2203.

SOFA BED - blue, \$50; Perego double stroller, \$100; car seat, \$5; booster seat, \$5; children's life jackets. 689-7326.

STOVE - 4 burners, w/oven, electric, green, v.g. cond., asking \$150. Bob, Ext. 4260 or 821-5263 eves.

WATER BED - king size, heater, waveless, new, 2 mattresses, \$125. Denise, Ext. 5873

AIR CONDITIONERS - all GEs, 4,000 Btu, \$45; 5,950 Btu, \$75; 12,000 Btu, \$200. Naidu, Ext. 4263.

AIR CONDITIONER - room, Sanyo, 5,000 Btu, hardly used, \$180. Devinder, Ext. 4985.

BED - & mattress, single, 38"x74", "The Rock", 1991, \$150. Jean Michael, 7092.

BED - queen, frame, boxspring, foam mattress, hardly used, \$50. John, Ext. 3422.

BEDROOM SET, - armchairs, 3-piece wall unit; other items. Anthony, 423-9750.

CHAIR - wicker, \$50; microwave, \$50; Hoover vacuum, \$50; room-size rug, \$20; 3-spd. bike, \$20. Kathy, 744-2203.

DESK & CHAIR - child's, \$15; desks & lamp, \$15; desk, \$5; hair dryer, \$5; coffee maker, \$10; hand mixer, \$5. Mireille, 324-1010.

DESK - computer, \$50; infant's walker, \$5; brass floor lamp, \$25; 4 cane & chrome chairs, \$35. Bob, Ext. 4446 or 654-3989.

FREEZER - upright, \$125; dining room set, \$150; Surdiac coal stove, \$25. 473-1295.

MICROWAVE - GE, full size, digital controls, temp. probe, v.g. cond., \$75. Mike, Ext. 2201.

REFRIGERATOR - apt. size, Sanyo, freezer, \$70. Edward, Ext. 7502.

REFRIGERATOR - 1.9 cu. ft., ideal for college, good cond., \$50. Kevin, 744-5553.

SOFA - \$60; 2 armchairs, metal frame, \$25/ea.; queen boxspring, mattress, frame, \$85 neg. Klaus, Ext. 3677 or 924-2062 eves.

SOFA BED - new, queen size, traditional, multicolored, \$425. Ext. 4026

SOFA TABLE - cherry, w/2 upholstered matching benches, 26 1/2"Hx52"Wx17"D, mint cond., \$250. Mike, 929-4716.

TABLES - end, kitchen; 6-piece bedroom set; freezer; dryer; TV stand; playpen; sandbox; elec. lawn mower, woman's bike. Rick, Ext. 4149.

VACUUM CLEANER - Hoover Elite 350, attach., \$35; elec. fan, \$15; 2 interior louvered doors, ea. 78"x18", \$12/pair. Brian, Ext. 2369 or 929-5407.

VACUUM - Electrolux, new, \$20; door, wood, exterior, new, \$60; black leather chairs, 3, \$20/ea.; dinghy, 6', \$150. 929-5742.

WASHER & DRYER - Sears, apt. sized, 2 yrs. old, \$400. Mauro, 265-6542.

WATER BED - king size, solid pine, 4-poster mattress, liners, heater, excel. \$200. Sheila, 246-5070.

WATER BED - Somma II, mattress, boxspring, frame, queen, 1 yr. old, \$350. 821-8347.

Tools, House & Garden

CABINET - storage, 2 hand-built Colonial dry sinks or stereo cabinets, walnut finish, name your price. Bob Sabatini, Ext. 3509 or 289-9533.

CHAIN SAW - elec., 2.25 h.p., splitting Maul, wedge, 100' extension cord, like new, \$90/all. Sheila, 246-5070.

TREES - Japanese maples, \$10-\$45+. Mauro, 265-6542.

SINKS - excel. cond., double kitchen sink, stainless steel, 22"x33", w/faucet, \$70; bathroom ceramic sink, wall hung w/faucet, \$75. Dick, 874-2380.

STAIR-O-LATOR - 1/3 h.p., 115 Vac, chair lift, fits on side of existing stairs, best offer. Ray, Ext. 3695.

Sports, Hobbies & Pets

BICYCLES - girl's small, \$15; woman's, \$20. Sandra, Ext. 2459.

BIKE - girl's, good cond., \$20. Alex, Ext. 3723/4407 or 341-1018.

BIKE - Mongoose, light blue, exce. cond., new tires & brakes, \$90. Brian, 878-4356.

BIKE - woman's 10-spd., good cond., \$75; man's 10-spd., \$25. Ray, Ext. 4561.

DOG - shepherd mix, male, 12 mo. old, needs roomy home. \$20. Lorjean, 744-5857

GUITAR AMP - GK250RL, \$200; wireless system Nady 201, \$225. Doug, Ext. 4661 or 434-7812.

GYM - DP, 65 exercises, 200 lbs. of weights, all parts & attach.; excel. cond., orig \$450, asking \$150. Bob, Ext. 4260 or 821-5263.

HOCKEY EQUIPMENT - new, ice & roller, many brands, models, helmets, skates, like wholesale prices C.C.M., helmets, \$64/ea. John, Ext. 2957 or 929-5476.

SADDLE - 161/2, Stubben, all purpose English w/ fittings, \$375; Birnbaum's Guide to Disney, \$6. Pat, Ext. 5406.

VIOLIN - 1/8 or 1/4, for beginner. M. Tanaka, Ext. 2396.

BIKE - child's, 5-6, \$15; child's bike, 7-9, \$15. Mireille, 341-1010.

BIKES - 2 women's 3-spd., 1 man's 10-spd., 1 boy's 20" 3-spd. w/banana seat, \$20. neg. Drucker, 473-1620.

CAMERA - Canon T-60, brand-new, lightweight; manual or automatic, w/50mm lens, semi-hard case, asking \$100. Kim, 289-1726.

GOLF CLUBS - assorted woods, irons, putters, Wilson, others, 20 yrs. old, \$25/all. Sheila, 246-5070.

KENNEL - large, \$55; dog clippers, Oster prof., 3 blades, \$65; 10 gal. tank, pump, 2 filters, extras, \$35. Rick, Ext. 4149.

CHOW CHOW - pup, AKC, 3 mo., red, male, lg. boned, housebroken, good watchdog, companion. Ext. 3426 or 399-3381.

PUPS - Golden Retrievers, AKC champion lines, home bred, vet checked. 751-2917.

The Brookhaven Bulletin is printed on paper containing at least 50 percent recycled materials, with 10 percent post-consumer waste.



Audio, Video & Computers

ANSWERING MACHINE - Duo Phone, \$20. I. Meyer, 929-4326.

COMPUTER - Commodore 64 w/1541 floppy disk drive, \$50. Len, Ext. 5010.

COMPUTER - IBM PC Jr., w/software, printer, surge protector, complete setup, \$425. Pam, 821-4174.

PHONOGRAPH - Magnavox, am/fm radio, maple cabinet needs repair. Ext. 4177 or 289-0072 eves/wknds.

TAPE RECORDER - reel-to-reel model TC, w/ microphone, needs repairs, \$25. 744-5871.

TV - Zenith, 19", color, used 2 months, \$170 or best offer. Bruce, Ext. 4068 days or 474-3037 eves.

TV - Quasar, color, 25", contemporary console, cable ready, remote, excel. cond., \$200. Mary, 399-4857.

VIDEO GAMES - Nintendo, over 30, most w/booklets \$10 to \$15/ea.; accessories, power pad, zapper, super joystick. Gary, Ext. 5903.

VCR - Panasonic, cable ready, remote control, 11 mo. old, \$150; Sega video system w/2 games, 4 mo. old, \$80. Alex, Ext. 3723 or 4407 or 341-1018.

COMPUTER - 286 PC, coprocessor, extended memory, high-resolution color display, mouse, \$500. Ext. 3922

CAMCORDER - Sharp, mint cond., like brand-new, some extras, orig. \$1,500, asking \$875. Ruth, Ext. 3305.

COMPUTER - Commodore 64, Star NX-10 printer, 1541 drive, color mon., joysticks, software, games, \$300 or best offer. Bob, Ext. 4446 or 654-3989.

COMPUTER - HP86, disk drives, mon., Okidata 92 dot matrix printer, software, best offer. Steve, Ext. 3018 or 369-5181.

COMPUTER - 286 PC, Tandy-TL2, printer, WordPerfect, Lotus, Quicken, works well, \$500 neg. Patrice, Ext. 2463 or 286-4037.

RADIO - Aiwa, am/fm shirt pocket, new, never used, \$20. Gene, Ext. 3445.

TV - GE, color, 20", remote, 11 mo. old, excel. cond., \$115. Hostachy, 341-1074 after 8 p.m.

TV - Hitachi, color, 14", 1992; VCR, GE, 4 heads, 1992, rewinder, \$300. Jean-Michel, Ext. 7092.

TV - Toshiba, 21", remote, color, stereo, 1 yr., \$200; VCR, GE, 1 yr., remote, \$130. Marc or Mireille, 341-1010.

TV - Sharp, color, 13", cable ready, remote, 18 mo. old, \$100. Brian, Ext. 2369 or 929-5407.

TV - color, Sharp, 25", excel., 1986, \$100. Sheila, 246-5070.

TV - color, 13", Sharp, 4 mo. old, warranty, remote, \$150; VCR, Panasonic, 11 mo. old, remote, \$150. Alex, Ext. 3723/4407 or 341-1018.

TV - Zenith, 19", color, 2 mo. old, \$170/both. Bruce, Ext. 4068 or 474-3037.

Miscellaneous

BABY'S ITEMS - all like new; maple crib & mattress; 2 changing tables; car seat; play pen, baby's swing; Sabatini, Ext. 3509 or 289-9533.

DRUMS - CB700, 9-piece, double base, blue cage set, Zildian symbols, like new, \$1,300 neg. Jay, 928-4402.

ENCYCLOPEDIA BRITANNICA - '54, complete set, best offer. Ext. 2272 or 732-7634.

GLASS - tempered sheets, 11 single, 3 thermo, 46"x76", all offers considered. Frank, Ext. 7684.

PLAYPEN - Century Fold & Go, hardly used, orig. \$90, sell for \$75; bathtub, \$10. Janet, Ext. 2345 or 929-3910.

RING - lots of 14k gold, 2 carat total diamond weight, cluster, size 10, \$3,195 appraisal, ask. \$895. Ruth, Ext. 3305.

Free

DOG - black Belgian sheep dog, big, beautiful, needs love and patience, perfect for protection. Maria Loria, 744-1912.

Yard & Garage Sales

RIDGE - 8/14-15, 9 a.m.-4 p.m., 1/4 mile west of William Floyd Pkwy., multifamily. Sande, 924-3385.

Wanted

AIR COMPRESSOR - for medium-duty spray work. Mike, Ext. 5030 or 821-4083.

DRUMS - any drums, cymbals, hardware, etc., will pick up, reasonable price. Chimienti, 584-7258.

HOUSE TO SIT - free, experienced, caring, any period after 8/28. J. Allentuck, Ext. 2412.

JUNK CARS - trucks, machinery, alum., boats, will remove. Rich, 589-9103.

MEMBERS - to join BNL Toastmasters Club, we supply fun & laughs, potential, become a better speaker. Sharon, Ext. 7140, or Mitch, Ext. 4212.

PERSON - to explain biomedical engineering to a prospective undergraduate student. T. Parris, Ext. 5923.

RIDE TO ROCHESTER, NY - on 8/26 or 8/27, will share driving & expenses. Ext. 3698 or 821-4326.

TANK - for sand filter, good cond., reasonable. Ext. 7238.

For Rent

BELLPORT VILLAGE - 1-bdrm. cottage, gas heat, city water, fp in l/r, walk to stores, bay, no pets, \$575 plus util. 286-7539.

BROOKHAVEN HAMLET - 1738 English cottage, hand-hewn beams, wide planked floors, fp in d/r, greenhouse off kitchen, 2 bdrms., 2 baths, country lane, \$1,100 mo. + sec. + util. 286-0422 after 6 p.m.

CORAM - furn. room, avail. 9/1, kitchen & l/r privileges, immaculate, 10 min. to Lab, \$325/mo. incl. all. Kathy, Ext. 7462 or 698-1971 after 3 p.m.

PATCHOGUE VILLAGE - apt., 1st floor, priv. ent., 1 bdrm., l/r, eik, full bath, no pets, sec., ref. required, heat, hot water, \$500. 475-2736.

RIDGE - priv. 1-bdrm. cottage, kitchen, w/w, carpet, semi-furn., cable ready, parking, on William Floyd Pkwy., no pets, nonsmoker, \$500/mo. + util. 385-0970.

RIDGE - close to Lab, 4-bdrm. Cape, 1 bath, residential area, \$850/mo. + util., option to buy. 744-4611.

RIDGE - furn. studio apt., priv. fenced yard, 3 mi. from Lab, avail. 9/1, \$475/mo. Carol, Ext. 2673 or 744-8632.

ROCKY POINT - 3-bdrm. Cape, 1 story, newly re-decorated, landscaped, eik, large l/r, w/d, \$850/mo. Donald or Suzanne, 473-6570.

ROCKY POINT - large studio, priv. ent., fenced yard, clean, quiet. Terry, Ext. 4753.

SHIRLEY - house to share, own bdrm. & l/r, \$350 single, \$450 double, includes all. Rob, Ext. 4661 or 395-4521.

SOUND BEACH - full furn., 1 bdrm., full bath, kit.-l/r combo, cable, priv. ent., storage, bright & sunny, \$650/mo. incl. all, 1 mo. sec. 744-3284, leave message.

SOUND BEACH - 1 bdrm., eik, l/r, priv. ent., parking, cable, \$500/all, single nonsmoker pref. Ext. 7918 or 744-7007.

STONY BROOK - 4-bdrm., 2 baths, 2-car garage, w/d, dishwasher, new furnace, quiet street, S-section, \$1,175/mo. + util., sec., avail. 9/1. 751-8240 eves.

WADING RIVER - 3-bdrm. house, 15 wooded acres, very priv., \$1,250/mo. Charles, 929-6755 or 929-3205.

HILTON HEAD ISLAND, S.C. - condo, sleeps 6, fully furn., 2 bdrms., 2 baths, pool, beach, golf nearby, through Sept., \$450/week for BNLeas. Guy, Ext. 3147 or 689-5378.

NORTH MYRTLE BEACH, SC - condo sleeps 5, near beach, 3 golf courses, pool, tennis, cac, w/d, golf package avail., pictures available. \$300/wk. Joann, 472-6742.

For Sale

BAYPORT - 2-story Colonial, 1.2 acres, oil h/w, 3 bdrms., d/r, 2 baths, large country kitchen, Bayport-Blue Point SD, near schools, \$125,000. 472-3332.

BELLPORT - 3 bdrm., 1 story, full bsmt., near 2 schools, fp, new oil burner, partly fenced yard, quiet street, great neighborhood, new ac. 286-1770.

BELLPORT VILLAGE - S. Howells Pt. Rd., steps to golf, tennis, 2 bdrm., 2 bath, lots of decks, skylights, French doors, secluded, \$229,000. 286-0422 after 6 p.m.

BROOKHAVEN HAMLET - 3-bdrm. ranch, 2 baths, l/r w/fp, d/r, eik, laundry, full bsmt., city water, oversized 2-car garage, security system, 0.7 wooded acre, cul-de-sac, low \$200s. 286-1290 eves.

CALVERTON - 2-bdrm. townhouse, 5 appl., carpeted, patio, upper deck. Ext. 3558.

CENTRAL ISLIP - 2 bdrm., new kit., new bath, whirlpool, skylight, cathedral ceiling, vinyl siding, lg. shed, 75'x100' lot, fenced yard, new paint, track lights, \$88,000 neg. Vinny, 582-6241.

EAST SETAUKET - 4-bdrm. split, 2 1/2 baths, den, fin. bsmt., deck, fully landscaped, 3VSD, \$169,900. 473-5376.

MASTIC - 3 bdrm., d/r, l/r, wood stove, city water, 5 min. to Lab gate, 80'x100', fenced backyard, \$89,000, or avail. for rent. Vinny, 582-6241.

MASTIC - approved & cleared building lot, 1/4+ acre, all permits, variances, \$30,000 neg. Patti, Ext. 3145.