

BNL Honors Engineering, Computing Achievers With New Award

BNL's annual Employee Recognition Awards were established in 1991. This year, at the Lab's first Employee Recognition Awards Conferral Ceremony on February 2 (see Brookhaven Bulletin, February 18, 2000), a new Engineering Award was inaugurated to honor distinguished contributions in engineering and computing. This \$5,000 award gives direct recognition to the wide range of efforts in this area and their importance to BNL's mission.

The winners of the award are: David Alexoff, Chemistry Department; James Cullen, Collider-Accelerator Department; Robert Lee, Environmental Services Division; Joseph Mead, Instrumentation Division; and Robert Scheetz, Physics Department. Summaries of the accomplishments of the honorees appear below.

David Alexoff

In the words of Carol Creutz, former Chemistry Department Chair, David Alexoff is recognized for his "outstanding, creative, generous and broadly based contributions to PET research at Brookhaven National Laboratory." Alexoff came to BNL in 1981 as a chemistry associate IV in Chemistry's positron emission tomography (PET) group.

Now a research engineer I, Alexoff designed and built an automated sys-

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Joseph Mead

A research engineer II in the Instrumentation Division, Joseph Mead is being recognized for successfully completing three major electronics engineering projects that are crucial to the Laboratory.

For the RHIC project, Mead helped design and develop the electronics to monitor beam position in the RHIC rings. He also designed and developed the timing system for the PHENIX detector of RHIC. During the same period, Mead took on yet a third project, the development of new technology for high-speed

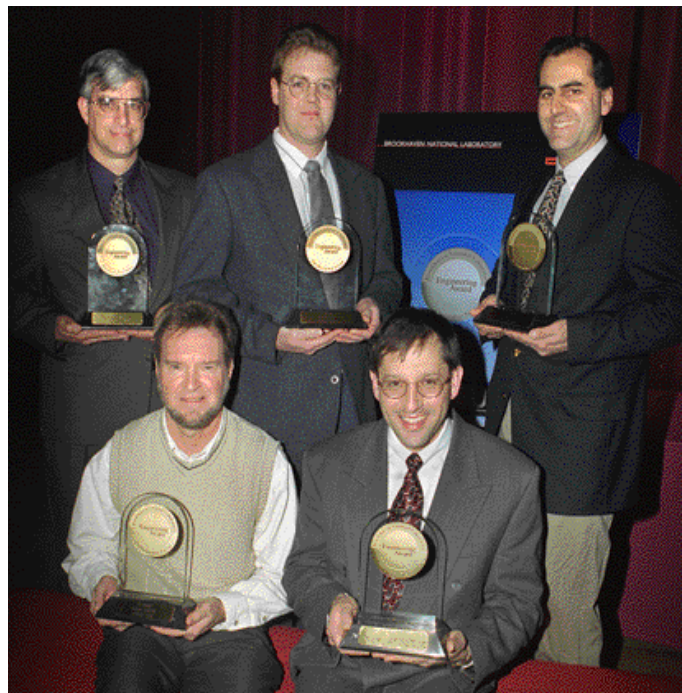
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James Cullen

Project Engineer James Cullen of the Collider-Accelerator (C-A) Department is recognized for leading the mechanical engineering effort of the muon g-2 storage ring magnet.

Cullen, who had come to BNL as a development engineer II in 1978, was the first engineer to begin this project in 1987. He developed the conceptual design with a team including physicists and engineers from BNL and KEK, Japan. He

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The winners of BNL's FY 2000 Engineering Award are: (back, from left) James Cullen, Collider-Accelerator Department; Joseph Mead, Instrumentation Division; David Alexoff, Chemistry Department; (front, from left) Robert Scheetz, Physics Department; and Robert Lee, Environmental Services Division. Photos on this page by Roger Stoutenburgh

Robert Lee

Robert Lee, Deputy Manager of the Environmental Services Division (ESD), received a Brookhaven Engineering Award for his continued contributions to environmental excellence at the Laboratory.

Since joining BNL in 1991 as a project engineer, Lee has provided technical assistance to organizations

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Robert Scheetz

Research Engineer Robert Scheetz is being recognized for 20 years of developing leading-edge designs and hardware for accelerator controls and data acquisition. Scheetz came to BNL's Physics Department in 1963 as an intermediate technician. He received a B.S. in physics in 1972.

Throughout his career, Scheetz has

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DZero Upgrade

BNL and the State University of New York at Stony Brook (USB) have just completed construction of the Forward Preshower Detector (FPS), one of four inner tracking sub-detectors for the DZero experiment at the Tevatron Collider at Fermi National Accelerator Laboratory (Fermilab). The DZero detector and the Tevatron Collider are currently undergoing extensive upgrades. The DZero collaboration was one of two experiments at Fermilab that simultaneously announced the discovery of the top quark in 1995.

The FPS will be shipped to Fermilab later this spring, where it will be installed at DZero in preparation for the next experimental run, set for March 2001. With the increased luminosity provided by the upgrade, the next run will provide more detailed studies of the top quark and offer expanded experimental reach in the search for supersymmetry.

Pictured are: (left side of detector, from rear and left to right) Sub-Project Manager Jonathan Kotcher, Project Engineer Anantoli Gordeev, and Robert Soja, all of BNL's Physics Department; Bob Wheeler, BNL Physics; Andrei Talalaevskii, USB; Peter Yamin, BNL Director's Office; and Satish Desai, USB; (right side, clockwise from rear) Neil Donahue and Russell Burns, BNL Physics; and Production Manager Abid Patwa, USB. Other USB collaborators not pictured are Michael Rijssenbeek, Jack Steffens, and Julian Brody.

BNL Collaboration Determines How Aging Affects Brain Chemistry

How does aging affect the brain? Researchers from BNL, the State University of New York at Stony Brook and the University of Pennsylvania School of Medicine have found chemical changes in the brain that may underlie the cognitive deterioration associated with aging. The results of their experiment were reported in the January 2000 issue of *The American Journal of Psychiatry*.

"In this study, we have shown that age-related loss of dopamine, the brain chemical associated with pleasure and reward, slows metabolism in regions of the brain that are related to cognition. This finding may be helpful in developing interventions for age-related cognitive decline," said Nora Volkow, Brookhaven's Associate Laboratory Director for Life Sciences and the lead author of the study.

The researchers found that age is

associated with a significant decline in dopamine D₂ receptors — molecules that transmit signals that are associated with pleasure and reward in the brain. Approximately 6 to 7 percent of these receptors are lost with each decade of age, from 20 to 80 years. This decrease in dopamine with aging has been corroborated by other studies performed by Volkow and others. In the current investigation, researchers discovered for the first time that, when dopamine D₂ receptors decreased, so did regional glucose metabolism in areas of the brain that are related to cognition.

In the group of healthy participants, glucose metabolism decreased with age in the frontal brain regions and a part of the brain known as the anterior cingulate gyrus. Decreased glucose metabolism translates to

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Nora Volkow

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Meet the BERA Board Candidates

Coming Up

Sponsored by the Brookhaven Retired Employees Association, retiree Eric Forsyth will present a talk and video on his journey to Antarctica in his sailboat *Fiona*. The talk will be held on Tuesday, March 28, at 4:30 p.m. in Berkner Hall. All are welcome.

Garman Harbottle, Chemistry Department, will give a BSA Distinguished Lecture on "The Origins of Chinese Civilization: Recent Archeological Discoveries," on Wednesday, March 29, at 4 p.m., Berkner Hall. All are welcome.

David Alexoff

(cont'd)

tem for making the short-lived radiotracer ^{18}F FDG, designed and implemented a robotic tracer analysis system that is unique in the world, developed a motion sensor for microdialysis, and implemented new programs for image analysis on a new commercial PET scanner.

The ^{18}F FDG synthesizer, which Alexoff built before any commercial devices were available, relieved chemists in the PET group from performing routine synthesis and, by doing so, greatly reduced personnel radiation exposure. Similarly, the robotic system has eliminated exposure to human blood and also saves personnel time. Alexoff's motion sensor has provided a new perspective on the effects of drugs on animal behavior, which is now used in research aimed at developing new treatments for cocaine abuse. Finally, his image analysis programs are used daily by the PET team to quantify data. — Mona Rowe

Robert Lee

(cont'd)

across the Laboratory to help them operate in an environmentally responsible manner. He works to ensure that BNL provides the highest quality potable water, wastewater treatment, storm-water management, petroleum and hazardous material storage, groundwater protection, and spill clean-up services in compliance with all applicable requirements.

Lee's continued efforts to reduce unnecessary water usage at BNL resulted in his being named a co-recipient of the 1998 DOE Award for Water Conservation.

"The extent and complexity of the environmental regulations facing the Laboratory are extraordinary," said Bet Zimmerman, ESD Manager. "Bob's accomplishments in these areas reflect an exceptional level of professional expertise, attention to detail, and hard work." — Peter Genzer

Robert Scheetz

(cont'd)

designed hardware that has been essential for the heavy ion transfer line, the Tandem Van de Graaff's custom data-acquisition system, data acquisition systems for several experiments at the Alternating Gradient Synchrotron, and for the STAR and BRAHMS experiments at the Relativistic Heavy Ion Collider.

"In the field of high-speed digital electronics, where devices become obsolete every two years and new design tools are constantly introduced, Bob always stays on the leading edge, finding creative, ingenious and practical solutions to problems," says Physics Department Chair Michael Murtagh. "This is the mark of a really good engineer: to constantly provide devices based on the latest technology that perform as required and which the end user can afford to take for granted!" — Karen McNulty

Integrated Safety Management Awareness

Integrated Safety Management (ISM) is a term that DOE uses to describe processes that ensure that the proper environment, safety & health considerations are systematically integrated into the way BNL does its work.



The BSA contract requires that DOE formally verifies BNL's approach to ISM. That verification process will take place during a formal assessment on May 1-14 which will include interviews with BNL managers, supervisors and staff.

Over the next few weeks, the Bulletin will publish eight sets of general questions that all BNL managers, supervisors and staff should be prepared to answer during the ISM validation. While responses will vary depending on each individual's work environment, the italicized text below gives examples of processes that may be appropriate as references.

Today's questions

- **For Managers and Supervisors:** How do you ensure that members of your staff understand the work you want them to do?
- **For Staff:** How are your managers' or supervisors' expectations for what you are supposed to do in your job communicated to you?

Possible responses could include references to R2A2s, Performance Goals, Experimental Safety Review documentation, Work Permits, Standard Operating Procedures, strategic planning meetings, business plans, one-on-one meetings, etc.

For more information, contact Doug Ports, Ext. 2262 or ports1@bnl.gov.

Prize String Musicians Perform March 22



The BSA Cultural Program will sponsor a concert by the Vogler Quartet of Berlin, Wednesday, March 22, at 8 p.m., in Berkner Hall.

In 1985, one year after the Vogler Quartet of Berlin began playing together, the four string musicians won first prize at the International String Quartet Competition in Evian, France.

At that time, they also received the Prize of the Press Jury and the special prize for their outstanding interpretation of twentieth century work. Since then, they have performed in major concert halls throughout Europe, and in Israel, Japan and the U.S. In 1990, the quartet signed an exclusive recording contract with BMG/RCA.

The BSA concert program will include Haydn's Quartet in G Major, Op. 76, No. 1; Wolf's *Italian Serenade*; and two works by Beethoven: String Quartet in B-flat Major, Op. 130; and *Grosse Fuge* for string quartet in B-flat Major, Op. 133.

Tickets for the concert may be purchased in advance at the reduced rate of \$12 for adults, and \$8 for students from: Gregory Fess, Bldg. 460; Paul Freimuth, Bldg. 463; Bonnie Hulse, Bldg. 185; Hai-Dee Lee, Bldg. 490; Alfredo Luccio, Bldg. 911B; James Muckerman, Bldg. 555A; Stephen Schwartz, Bldg. 815E; Laurence Trueman, Bldg. 510A; or Robert Weggel, Bldg. 901A. Tickets purchased at the door on the evening of the performance cost \$15 for adults and \$10 for students.

James Cullen

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hired engineers and the lead technician, selected the designers and coordinated their efforts. Cullen's leadership style, says Derek Lowenstein, C-A Department Chair, "led to a very smooth, efficient working environment, with the entire team assuming ownership of the work."

And the resulting magnet, which, at 14 meters in diameter, is the largest superconducting magnet ever built, meets all specifications for performance.

It is "the major piece of equipment for the world's best measurement of the muon anomalous magnetic moment, a key measurement in our understanding of the standard model of high-energy physics," Lowenstein says. — Karen McNulty

Joseph Mead

(cont'd)

digital signal processing which will be used in a detector that the Instrumentation Division is building for Los Alamos National Laboratory.

Each of these projects required development of conceptual and technical designs, prototype hardware and software fabrication and testing, and, finally, production versions for final installation — all on a very short time scale. Veljko Radeka, Head of Instrumentation, describes Mead as having "extraordinary engineering talent and skills" coupled with an "extraordinary sense of structure and organization."

Mead came to BNL in the summer of 1993 as a student assistant and in a few months became a full-time employee as a staff engineer. — Mona Rowe

Update on RHIC

A recent Columbia University news release on their involvement in the PHENIX experiment at the Relativistic Heavy Ion Collider (RHIC) suggested that the collider would begin running on March 15. That date, however, marks the end of the g-2 experimental run at the Alternating Gradient Synchrotron (AGS) and the beginning of the switchover from accelerating protons to accelerating gold ions. The AGS, along with the Tandem Van de Graaf accelerator and the Booster, plays an integral role in pre-accelerating gold ions before they enter the RHIC rings.

Meanwhile, cool-down of RHIC's magnets and testing of power supplies is well underway. RHIC's Blue Ring is expected to be cooled to its operating temperature of 4 K by March 20. The Yellow Ring will follow on March 31. Power supply testing will continue into early April. "So it will be a few more weeks before beams begin circulating," says Waldo MacKay, head of machine operations for the Collider-Accelerator Department.

When that happens, some studies focusing on beam acceleration will begin. But beam collisions probably will not occur until May. These first collisions will occur at a beam energy of 70 GeV, 30 percent below full potential. Full-energy (100 GeV) collisions are planned for later in the run, which is expected to go into August.

The Bulletin will present updates on the progress of these events. — Karen McNulty

On-Site Fire Saturday

On Saturday, March 11, while on a routine work assignment, a radiological-control technician discovered a fire at approximately 9 a.m. in an area where debris is held before being shipped off site for disposal. After technicians determined that no hazards existed, the Laboratory's firefighters extinguished the fire by 2:27 p.m.

The area where the fire occurred is located in the southeastern portion of the site, in an open field near an inactive landfill. The debris was bagged in plastic and stored beneath a plastic tarp covering an area of approximately 20 by 30 yards. The debris consists of about 250 cubic yards of material that is primarily soil with small pieces of metal, glass and wood. The material was originally excavated as part of the Lab's environmental cleanup.

Some of the debris contains very low levels of radioactive materials. On Saturday, radiation levels in the area of the fire were measured to be normal background values. Also, air monitoring and contamination survey results around the fire showed that no radioactive materials had spread beyond the immediate area.

A committee headed by Michael Schlender, Assistant Laboratory Director for Environmental Management, has begun an investigation into the cause of the fire, as well as additional sampling to verify that no contamination had spread from the fire. The investigation has three phases: a fire investigation, a field sampling and verification phase, and then a recovery phase to repackage materials that were affected by the fire. — Mona Rowe

Arrivals & Departures

Arrivals

James K. Fitzsimmons Safeg. & Sec.
Bartosz Frak C-A
Russell F. King Financial Serv.
Nicholas A. Kling C-A
Andrew D. Meyer C-A
John A. Ritter C-A

Departures

none

Meet the Candidates for the 2000 BERA Executive Board

From March 27 through March 31, an election will be held to choose two of the four BERA members featured below to fill two spots on the BERA Executive Board, as representatives of the Brookhaven Employees Recreations Association (BERA). All employees of BNL, BSA and DOE and employees of permanent on-site contractors are considered BERA members. During four-year terms, begin-

ning in May, the two winners will have the opportunity to affect BERA recreation policies. The campaign statements below can help you make an informed choice when you cast your vote. Voting hours will be: 11:30 a.m.-1:30 p.m., Monday-Wednesday, March 27-29. Or vote Thursday or Friday at the Teachers' Federal Credit Union, Thursday-Friday, March 30-31 10 a.m.-1:30 p.m.

Nancy Concadoro

Nancy Concadoro, Senior Human Resources Assistant, Human Resources (HR) Division, began her BNL career as a College Work Study student in the Medical Department in 1983. She served as a regular employee from 1985 to 1990, left for some years, then returned to the Lab in HR last year.



"During my years at the Lab, I have been active in softball, bowling, and cardio kickboxing," Concadoro says. She also participates in many of the BERA social events and outings.

"BNL is a terrific place to work, and a lot of what makes it great is the abundance of activities and programs that are available to us," she says.

"I think that more employees need to be aware of the many BERA clubs that exist. One of my goals, if I am elected, would be to increase this awareness," Concadoro concludes.

Tom Dilgen

"In my 20-some-odd years at the Lab, I've enjoyed many of the BERA activities," says Tom Dilgen, Technical Project Supervisor, Accelerator Magnet Division. "The friendships I've made are important to me, and I believe such friendships make the Lab's workforce a stronger, happier and more cohesive unit."



Dilgen, who joined BNL in 1978, has played golf, men's and mixed softball, volleyball, touch football, and basketball. He is now Vice President of the BERA Bowling League. He works out at lunch with the BERA Body Building Club and enjoys BERAtrips to sporting events.

"I've noticed that participation in some of our leagues is falling, so, if I am elected, a high priority for me would be attracting more people to BERA activities. I appreciate what BERA has done for me, and now it's my turn to do my share."

Patrick Moylan Jr.

"I was honored to be nominated as a candidate for the BERA Board," says Patrick Moylan Jr., Senior Technical Specialist, Reactor Division. "The BERA clubs cover so many activities that everyone has a chance of meeting friends with similar interests."

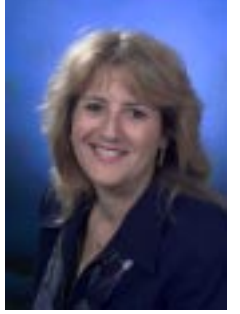


Since joining the Lab in 1990, Moylan has been a member of mixed and employees' Softball leagues, taking on the captain responsibilities of a team in the employees' league from 1995 until the present. He has been in the Basketball League, the Exercise and Body Building Club, and the Bowling League, and the Ballroom, Latin & Swing Dance Club.

"Many changes in the past few years have meant that, for some people, morale is low," says Moylan. "If I'm elected to the Board, I'd like to use BERA to get people to enjoy being part of the BNL community and help them want to come in to work."

Laurie Pearl

Laurie Pearl, a technical associate in the Information Technology Division, arrived at BNL in 1994 and became the coach of her division's men's softball team. Last year, she started to play herself and became co-captain of the mixed league team ANSKY. At the same time, she was elected Vice President of the Softball League, a position she still holds. She also joined the mixed bowling league and is co-captain and team player on a mixed volleyball team.



"We all have busy lifestyles that include work responsibilities and family obligations," says Pearl. "Taking time to get involved in social activities, from playing sports to attending parties, takes you out of the normal crazy routine."

"I think it's so important to keep this opportunity open for BNL employees that I want to join the BERA Board to help make sure that these activities and events happen," she says.

photos by Roger Stoutenburgh

Aging Effects

(cont'd)

decreased brain activity, or deterioration of brain function. The frontal brain region controls such functions as problem-solving, abstract thinking, and the ability to carry out multiple tasks simultaneously. The anterior cingulate gyrus is the center for attention span, impulse control and mood.

The correlation between dopamine availability and brain metabolism remained significant after removing age effects in this investigation, which suggests that dopamine may influence brain metabolism regardless of age. While dopamine generally declines with age, this is not always the case. Some younger people may have less dopamine than some older individuals.

The research was carried out using positron emission tomography. The researchers measured dopamine D₂ receptors and glucose metabolism in the brains of 37 healthy subjects, 24 to 86 years old. No participant took medication during the time of the study, and all participants were screened for psychoactive drug use.

This study was funded by the U.S. Department of Energy and the National Institute on Drug Abuse. It was carried out following guidelines set forth by BNL's Institutional Review Board, which regulates experiments on human beings. — Diane Greenberg

Scharff-Goldhaber Prize in Physics, 3/22

This year's Scharff-Goldhaber Prize in Physics will be awarded to Diana Vaman, a Ph.D. candidate in the Department of Physics & Astronomy at the State University of New York at Stony Brook (USB). The prize will be presented by BNL Distinguished Scientist Maurice Goldhaber on Wednesday, March 22, at 3:30 p.m., in the Seminar Room, Bldg. 510, where Vaman will talk on "Consistent Truncations of 11-Dimensional Super Gravity to 7-Dimensional Super Gravity Theories."

The Scharff-Goldhaber Prize, a \$1,000 award given annually, was established to recognize substantial promise and accomplishment by a woman graduate student in physics. Administered by Brookhaven Women in Science (BWIS), the prize honors the outstanding contributions of the late nuclear physicist Gertrude Scharff-Goldhaber, who, in 1950, became the first woman Ph.D. physicist appointed to the BNL staff, and, later, a founding member of BWIS.

For more information, contact Pam Mansfield at Ext. 7286.

Celebrating Women's History Month

BNL's Women's Program Advisory Committee (WPAC) announces the following events to celebrate March as women's history month:

Workshops on "Surviving—Is Thriving Possible? The Challenge of Motherhood & Career"

Tuesday, March 21, and Tuesday, March 28
Medical Department Small Conference Room, noon.

Facilitated discussions on motherhood and careers will be sponsored by Dianne Polowczyk of the Employee Assistance Program and Mary Wood of the Health Promotion Program. Topics will include: stress and time management techniques, overcoming guilt feelings, juggling multiple demands, and balancing needs of work and family. A survey during the March 21 workshop will help decide on topics to be covered during the next session. Registration is necessary as space is limited. Call Wood, Ext. 5923.

Gertrude Scharff-Goldhaber Prize

Wednesday, March 22, Physics Seminar Room, 3:30 p.m.
(See box above.)

Book Raffle

WPAC will hold a weekly raffle for one of the following books: *Women Who Have Changed the World*, *100 Most Important Women of the 20th Century*, and *A Century of Women*. Free raffle tickets are available at the display in Berkner Hall lobby.

Clothing Drive Alert

WPAC will participate in Brookhaven Town's "Dress for Success" program, which provides work-type clothing to low-income women seeking jobs. On-site collection dates are tentatively scheduled for April 17-19. More details will appear later.

Taiji Classes Begin

A new *Taiji* class will begin at noon on Wednesday, April 19, in the yard by the Recreation Center in the apartment area. The class will meet there at that time every Monday, Wednesday and Thursday. Classes last about half an hour. They are free and open to all.

Also known as *Tai Chi*, *Taiji* is a traditional Chinese exercise for the mind and body. In Taoist philosophy, *Taiji* means "the universe." *Taiji* exercise treats the body as a small universe and improves health in a natural way. For more information, contact Jerry Tanguay at Ext. 2198 or tanguay@bnl.gov; or Dejun Xue at Ext. 6358 or xue@bnl.gov.

Look Before Leaping

The Safety Glasses Office, Bldg. 88, will be closed on Wednesday, March 22. The office will reopen on Wednesday, March 29.

Tread Softly

The Safety Shoe Office, Bldg. T88, will be closed Monday and Tuesday, March 20-21. The office will reopen on Wednesday, March 23.

Basketball

Scores from games on March 9

Bombers 92		Magic 60	
Doug Aichroth	24	Mike Malardi	21
Troy Mayo	23	Terry Buck	17
Don Davis	12	Tracy Fountaine	6
Brian Hobson	9	Shane Stadier	6
Pete Ratzke	9	Mitch Williams	6
Pat Moylan	7	Jan Chaloupka	4
Sean Baugh	6		
Jim Rank	2		

Three-point shots: Malardi (5), Mayo (4), Buck (2), Williams (2), Baugh, Hobson, Moylan, Stadier.

Heavers 84		Wizards 65	
Seth LeGrand	41	Chris Ingoglia	26
Steve Jao	15	Jim Garrison	11
Greg Mack	11	Jerry Gaeta	10
Reggie Sanchez	7	Chris Fockenberger	8
Tim Powers	6	Charlie Edwards	6
Marlin McAvoy	4	Dorian Mergen	4

Three-point shots: Ingoglia (4), Garrison (3), Jao, Sanchez.

BROOKHAVEN BULLETIN

Published weekly by the Media & Communications Office for the employees, facility-users and retirees of

BROOKHAVEN NATIONAL LABORATORY

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On the World Wide Web, the Brookhaven Bulletin is located at www.pubaf.bnl.gov/bulletin.html. A Weekly Calendar listing scientific and technical seminars and lectures is found at www.pubaf.bnl.gov/calendar.html.

Daffodil Sale

Make the most of the last chance to order a bouquet of daffodils being sold by BERA to benefit the American Cancer Society. Each bouquet will sell for \$6, all proceeds going to the Society. Paid orders are being taken at the BERA Sales Office, weekdays, 9 a.m.-1:30 p.m.

Pick up reserved bouquets 9 a.m.-1:30 p.m. on Thursday and Friday, March 30 & 31, at the BERA Sales Office. Any extras will be sold on Thursday, March 30, in Berkner Hall lobby, 11:30 a.m.-1 p.m. For more information, call Andrea Dehler, Ext. 3347.

Atlantic City Trip 4/29

The next BERA-sponsored, one-day trip to Atlantic City will be on Saturday, April 29, at an initial cost of \$25 per person. The name of the hotel-casino and the amount of the coin return will be announced later.

The bus will leave the Brookhaven Center at 8 a.m., with an extra pickup at LIE exit 63 if requested. As usual, there will be free movies, games, and rolls or donuts on board; bring your own juice and coffee. After a seven-hour stay in Atlantic City, the bus will return around 11 p.m.

Buy tickets now 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, or M. Kay Dellimore, Ext. 2873.

Softball Captains Meet on 3/22

A meeting of BERA Softball League Captains will be held at noon on Wednesday, March 22, in Berkner Hall, Room C. Remaining league fees will be collected. For more information, e-mail softball@bnl.gov.

Classified Advertisements

Placement Notices

The Lab's placement policy is to select the best-qualified candidate for an available position. Candidates are considered 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, disability or veteran status. Each week, the Human Resources Division lists new placement notices, first, so employees may request consideration for themselves, and, second, for 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; call the JOBLINE, Ext. 7744 (344-7744), for a list of all job openings; use a TDD system to access job information by calling (516) 344-6018; or access current job openings on the World Wide Web at <http://www.bnl.gov/JOBS/jobs.html>.

LABORATORY RECRUITMENT - Opportunities for Laboratory Employees

NS8641. ADMINISTRATIVE POSITION - Requires an AAS in secretarial science, or the equivalent, excellent interpersonal and communication skills, and a good working knowledge of Laboratory policies and procedures. Strong PC skills are needed, which should include familiarity with web page development; proficiency in Word, WordPerfect, Outlook, Excel and Access. Under the direction of the AGS/RHIC User Administrator, will be responsible for general office management, the processing of guest appointments, ID badging, coordinating safety training, and responding to the needs and problems of visiting scientists. Director's Office.

OPEN RECRUITMENT - Opportunities for Laboratory Employees and Outside Candidates.

MK8662. POSTDOCTORAL RESEARCH ASSOCIATES (Two positions) - Requires a Ph.D. in biochemistry, chemistry, plant science or related discipline; a strong understanding of metabolism and molecular genetics, and experience with plant genetics is desired. Research program involves improving the quality of plant fatty acids and storage oils under the Oilseed Engineering Alliance CRADA. Under the direction of J. Shanklin. Biology Department.

MK8613. POSTDOCTORAL RESEARCH ASSOCIATE - to work in the Experimental Systems Group on the development and utilization of the U4IR beam line. Requires a Ph.D. in physics, chemistry with experience in surface science and infrared spectroscopy techniques, preferably using synchrotron radiation. Current research program interests center on surface dynamics of adsorbates on oxide surfaces. Additional responsibilities include support of the general user program on U4IR. Under the direction of E. Johnson. National Synchrotron Light Source Department.



Big Bird on Site

A most unusual Lab visitor was much sought after last Friday evening, March 10. At about 4:40 p.m., Lieutenant Rex Garcia of the Police Group in the Safeguards & Security Division, received word from the Main Gate that an ostrich had wandered onto BNL's site and was headed towards the apartment area. Garcia and patrols went out in pursuit. Soon, they were also assisted by a veterinarian and some animal-care workers who had responded to a Suffolk County Police call after a driver had reported hitting an ostrich on William Floyd Parkway. Despite its injuries, the ostrich, which turned out to be an emu belonging to a family in Shirley, remained elusive. "Originally, it had a rope around its neck that we thought would make it easier to catch," said Garcia. "But it managed to slip its head free and limp into the woods. Eventually, we were able to get the emu into a special container so that the vet could take it for treatment."

Note: As the Bulletin went to press, it was learned that the emu had been mortally wounded and it did not survive.

Wanted: Parent Volunteers

The Lab will this year again offer a "Take Our Daughters to Work" day, on Thursday, April 27, and volunteers with new ideas are needed for an organizing committee. To give your help, contact the event's coordinator, Susan Foster, Human Resources Division, at Ext. 2888 or foster2@bnl.gov.

Hospitality Committee

The Hospitality Committee invites all on-site residents, their spouses and friends to join in the following events, which will all be held in the Recreation Building in the apartment area. More details are posted in the laundry and on the Recreation Building door.

Welcome Coffee

Coffee is served to apartment area residents every Tuesday, from 10 a.m. to 11:30 a.m., in the lounge. Newcomers are especially welcome to meet new friends and learn about life at the Lab. On the last Tuesday of the month, bring food and a recipe to share. For more information, call Mimi Luccio, 521-1435.

Family Pot Luck Supper

Bring the family and a dish to share at a pot luck supper on Friday, March 31, at 6 p.m. Plates and soft drinks will be supplied. For information, call Vicky Chang, Ext. 1000.

