

International Experts in Advanced Nuclear Power Meet at BNL to Plan for Security in Future Systems

The nuclear energy systems of the future — Generation IV nuclear energy systems, as they are called — will be able not only to generate electricity but also could produce hydrogen, for such uses as hydrogen-powered cars, and could be used for district heating. All these enhancements could be of great value worldwide, and so safety, waste minimization, proliferation resistance and physical protection must be assured for these systems.

To formulate a methodology for evaluating the degree of proliferation resistance and physical protection that would be designed into these advanced systems, an international group of

experts met at BNL on August 27-28.

Led by DOE's Office of Nuclear Energy, Science, & Technology, the overall program for this effort has the cooperation of twelve nations. Co-chairing the group of experts, which is co-sponsored by the National Nuclear Security Administration, are Robert Bari, of BNL's Energy Sciences & Technology Department and Per Peterson of the University of California, Berkeley, while Jordi Roglans of Argonne National Laboratory serves as technical director.

The experts will apply their chosen methodology to a sample future nuclear energy system concept next year.

— Liz Seubert



The international group of advanced nuclear systems experts gathered at the August meeting at BNL included: (seated, from left), Burrus Carnahan, U.S. Department of State; Robert Bari, BNL; Jordi Roglans, Argonne National Laboratory; Per Peterson, University of California, Berkeley; Tom Shea, International Atomic Energy Agency; (standing, from left) Jim Hassberger, Lawrence Livermore National Laboratory; Michael Golay, Massachusetts Institute of Technology; Kory Budlong Sylvester, Los Alamos National Laboratory; Gary Rochau, Sandia National Laboratory (SNL); Dennis Bley, Buttonwood Associates; Steve Mladineo, Pacific Northwest National Laboratory; John Groves, UK; Jean Cazelet, France; Richard Nishimura, Canada; David Beck, SNL; Philippe DeLaune, France; Keiichiro Hori, Japan; Myung Seung Yang, Republic of Korea; Glenn Hawkins, UK; Michael Modro, Idaho National Engineering & Environmental Laboratory.

Nine Brookhaven Scientists Awarded Tenure

Brookhaven Science Associates granted tenure on June 1 to nine BNL scientists. They are: Mark Baker, Chemistry Department; Leslie Bland, Physics Department; Christopher Homes, Physics; Jean Logan, Chemistry; Ron Pindak, National Synchrotron Light Source Department; David Schlyer, Chem-

istry; Subramanyam Swaminathan, Biology Department; Dejan Trbojevic, Collider-Accelerator Department; and Gene-Jack Wang, Medical Department. With the following article, the Bulletin completes its series on the accomplishments of each of these tenured scientists.

Gene-Jack Wang

Gene-Jack Wang was awarded tenure in the Medical Department for outstanding work on brain-imaging studies in important areas of health, including obesity and drug addiction.

"In addition to conducting his own research, Gene-Jack has facilitated the research of other clinical investigators by design of protocols and superb management of the Positron Emission Tomography (PET) imaging staff, and by service within the Clinical Research Center," said John Gatley, then Medical Department Interim Chair.

Wang's most recent studies were the first to document differences in brain biochemistry associated with pathological overeating. One study revealed that obese subjects, like drug addicts, have lower than normal levels of receptors for dopamine, a brain chemical associated with reward and pleasure, implying that individuals with pathological eating disorders may be compensating for an understimulated reward system.

Another study found enhanced metabolic activity in the parts of the brain that receive sensory input from the mouth, lips, and tongue among obese individuals, perhaps making these sub-



Roger Stoutenburgh 03090601

jects more sensitive to the rewarding properties of food.

Wang's earlier PET studies explored the possible connection between exercise and reward, differences in how men and women respond to drugs, drug craving, aging, and monitoring radiation therapy in brain cancer patients.

"His work has revealed information that we did not know

before and this has caused us to search for explanations," said Gatley. "These studies form the foundation for real advances for researchers trying to understand brain-behavior and brain-disease relationships."

Wang received his M.D. from Kaohsiung Medical University, Taiwan, in 1980. After two years of national service as an Army Medical Officer, he entered The Johns Hopkins University and earned a Master's degree in radiation health sciences in 1984. He completed his residency at the University of Missouri at Columbia, and fellowships at the Albany Medical College and Stony Brook University. A New York State licensed physician who is board-certified in nuclear medicine, he joined BNL in 1990. From 1996 to 1998, he was Associate Chief of Staff — and from 1998 to 1999 Chief of Staff — of BNL's Clinical (continued on page 2)

NYS Senators Balboni, Flanagan Visit BNL Learn About Lab's Homeland Security Initiatives, More

Last Friday, September 12, New York State Senator Michael Balboni, 7th District, who chairs the Senate Committee on Veterans, Homeland Security and Military Affairs, and New York State Senator John Flanagan, 2nd District, who, among other contributions, is a member of that same Committee, visited BNL with Jim Sherry, Counsel to Balboni.

After being welcomed by BNL Director Praveen Chaudhari, as well as DOE's Brookhaven Area Office Manager Michael Holland, Associate Laboratory Director for Energy, Environment & National Security Ralph James, and Assistant Laboratory Director for Community, Education, Government & Public Affairs Marge Lynch, the party was taken to the Lab's Radiation Detector Testing & Evaluation Facility (RADTEC).

There, Charles Finrock of the Energy Sciences & Technology Department; Biays Bowerman of the Environmental Sciences Department; and Paul Moskowitz of the Nonproliferation & National Security (NNS) Department outlined the purpose of RADTEC, which is twofold — to assemble, operate, and test commercial and government off-the-shelf technologies targeted for various homeland security applications, and to provide baseline data for comparison purposes. At the facility, researchers collect baseline data on various types of detectors, and are available to provide assistance in training city, state, and federal officials to operate the detectors and interpret the results. RADTEC is open to all commercial and government technology vendors and is expected to become an important resource for local, county, state, and federal officials.

The visitors next stopped at the National Synchrotron Light Source (NSLS), to meet Associate Laboratory Director for Light Sources and NSLS Chair Steven Dierker and NSLS scientist Peter Siddons, who gave an overview of some of the research done in such diverse fields as biology and physics, chemistry and geophysics, materials science and medicine. The group then saw beam line X12A, where detectors being developed by BNL and others in support of homeland security initiatives are inspected at a new testing station.

The tour continued at the Instrumentation Division, where, in collaboration



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At BNL's Radiation Detector Testing & Evaluation Facility are: (from left) NYS Senator John Flanagan, BNL's Ralph James and Paul Moskowitz, and NYS Senator Michael Balboni.

with Instrumentation staff, Peter Vanier of NNS is developing a detector that acts as a camera to make images of objects that emit low-energy neutrons. As Vanier explained, since there are very few natural background neutrons, and they are uniformly distributed, a concentrated source of neutrons is strong evidence of a man-made device, such as a plutonium weapon, or of spent nuclear fuel.

Graham Smith, Instrumentation, then showed the visitors a working prototype of a xenon-filled gamma ray spectrometer that BNL is developing to detect radioisotopes potentially in the terrorist arsenal, such as dirty bomb materials. Xenon detectors can be built in very large sizes, so as to pick up signals of radioisotopes more quickly and over a wider area than do instruments now available. Hence, these detectors will be suitable for homeland security applications.

One of BNL's most enormous detectors, STAR, provided the next stop on the tour. The visitors learned from Tim Hallman, Collider Accelerator Department, that STAR tracks and analyzes thousands of particles, such as protons, neutrons, and pions, that may be produced in collisions of two beams of subatomic particles speeding around the tunnel at the Relativistic Heavy Ion Collider (RHIC). In the RHIC experiment, scientists expect to discover more about conditions that existed in the first few microseconds of the universe.

The visit concluded at the Positron Emission Tomography (PET) facility, where David Schlyer, Chemistry Department, described some of the Lab's pioneering neuroimaging research on the brain chemistry of addiction, aging, and diseases such as Parkinson's and Alzheimer's, and the recent PET research on imaging awake animals. Some of this work has veterinary support from the State University of New York's Downstate Medical Center in Brooklyn.

— Liz Seubert

Pegram Lecture Series

George Whitesides on Nanoscience: Status, Prospects

George M. Whitesides, a chemistry professor at Harvard University, will give three lectures as part of the George B. Pegram Lectureship Series, on "Nanoscience: Status and Prospects" on Monday, September 22, at 5 p.m., and on Tuesday, September 23, at 11 a.m. and 4 p.m. in Berkner Hall.

The series will consist of the following lectures:

9/22, 5 p.m. *Nanoscience and Nanotechnology*
Whitesides will explain what these new areas of science and technology are all about, and why they are attracting so much attention.

9/23, 11 a.m. *Microtools for Biology*
Whitesides will discuss a combination of five materials and techniques that are providing a new set of tools for use in biochemistry and cell biology.

9/23, 4 p.m. *The Future of Science and Technology*
Whitesides will discuss the impact of science and technology on life and society if common assumptions about the world become invalid. (continued on page 2)



Calendar of Laboratory Events

- The BERA Sales Office is located in Berkner Hall and is open weekdays from 9 a.m. to 3 p.m. For more information on BERA events, contact Andrea Dehler, Ext. 3347; or Chris Carter, Ext. 2873.
- Additional information for Hospitality Committee events can be found at the Lollipop House and the laundry in the apartment area.
- The Recreation Building (Rec. Hall) is located in the apartment area.
- Contact names are provided for most events for more information.
- Calendar events flagged with an asterisk (*) have an accompanying story in this week's Bulletin.

— EACH WEEK —

Weekdays: Free English for Speakers of Other Languages Classes

Beginner, Intermediate, and Advanced classes. Various times. All are welcome. Learn English, make friends. See www.bnl.gov/esol/schedule.html for schedule. Jen Lynch, Ext. 4894.

Mon., Tues., & Thurs.: Kickboxing

\$5 per class. Mon. & Thurs. noon-1 p.m. in the gym; Tues., 5:15-6:15 p.m. in the gym; Thurs., 5:15-6:15 p.m. in Brookhaven Ctr. Registration is required. Christine Carter, Ext. 2873.

Mon., Thurs., & Fri.: Tai Chi

Noon-12:45 p.m., Brookhaven Center North Room. Adam Rusek, Ext. 5830 or rusek@bnl.gov.

Tuesdays: Welcome Coffee

10-11:30 a.m. Rec. Hall. Hospitality event. Come and meet friends. The first Tuesday of every month is special for Lab newcomers and leaving guests. Hospitality Chair Monique de la Beij, 399-7656.

Tuesdays: BNL Music Club

Noon, North Room, Brookhaven Center. Come hear live music. Joe Vignola, Ext. 3846.

Tuesdays: Singles Club

5:15 p.m., Brookhaven Center. Contact: Jean, Ext. 4391.

Tuesdays: Toastmasters

1st and 3rd Tuesday of each month, 5:30 p.m., Bldg. 463, room 160. Guests, visitors always welcome. www.bnl.gov/bera/activities/toastmasters/default.htm.

Tuesdays & Thursdays: Aerobics

5:15-6:30 p.m., \$4 per class. Rec. Hall. Pat Flood, Ext. 7886.

Tuesdays & Thursdays: Aqua Aerobics

5:15-6:15 p.m. Christine Carter, Ext. 2873.

Wednesdays: On-Site Play Group

10 a.m.-noon. Rec. Hall. An infant/toddler drop-in event. Parents meet while children play. Suzanne Surrow, 476-6610.

Wednesdays: Farmer's Market

11:30 a.m.-1:30 p.m., Berkner Hall parking lot

Wednesdays: Weight Watchers

Noon-1 p.m. Michael Thorn, Ext. 8612.

Wednesdays: Yoga Practice

Noon-1 p.m., Brookhaven Center. Free. Ila Campbell, Ext. 2206.

Wednesdays: Open Chess Night

5-8 p.m., Rec. Hall. Christine Carter, Ext. 5090.

Wednesdays: Exercise 101

5:15-6 p.m., Rec. Hall. \$4 per class or \$35 for 10 classes. Stretching, low-impact aerobics, and other exercises. Pat Flood, Ext. 7886.

Fridays: Family Swim Night

5-8 p.m. at the BNL Pool. \$5 per family.

Fridays: BNL Social & Cultural Club

6-9 p.m. North Ballroom, Brookhaven Ctr., dance lessons, 9-11:30 p.m. general dancing. Rudy Alforque, Ext. 4733, rudy@bnl.gov.

Fridays: Jiu Jitsu Club

6-7 p.m. in the gym. All levels, ages 6 and above. \$10 per class. Tom, Ext. 4556.

Hispanic Heritage Month is celebrated September 15 - October 15

— THIS WEEKEND —

Sunday, 9/21

Rescheduled: Ellis Island Bus Trip

\$39 per adult, \$36 per child, (over age 5.) includes bus, ferry, and tour. Bus leaves BNL at 8:30 a.m. from the Brookhaven Center and returns at 4:30 p.m. Pay at the BERA Sales Office.

Bronx Zoo Bus Trip

The Hospitality Committee invites the Lab community to join a trip to the Bronx Zoo. Bus departs at 9 a.m. Bus tickets are \$10 for adults, \$5 for children 2-12. For more information, contact Monique de la Beij, mdelabey@op-tononline.net or phone 399-7656.

— WEEK OF 9/22 —

Monday, 9/22

Pegram Lecture Series, Berkner Hall

George Whitesides, Harvard University, will give three talks focussed on "Nanoscience: Status and Prospects." 5 p.m. Nanoscience & Nanotechnology. See story, page 1.

IBEW Meeting

8 p.m. Knights of Columbus Hall, Railroad Ave., Patchogue. A meeting for shift workers will be held at 3 p.m. in the union office. The agenda includes regular business, committee reports, and the president's report.

Columbia University Student Wins Chasman Scholarship

Hyekyung Clarisse Kim, a student at Columbia University, won the 2003 Renate W. Chasman Scholarship for Women. Brookhaven Women in Science (BWIS) awards the scholarship annually to encourage women to pursue careers in science, engineering or mathematics.

Named after the late Renate Chasman, a renowned physicist who worked at Brookhaven, the \$2,000 scholarship is awarded each year to a re-entry woman — one whose college education was interrupted, but who has returned to pursue a degree on a half time or greater basis.

At W. Tresper Clarke High School in Westbury, Kim was an accomplished student and leader. Despite suffering from depression, she was fourth in her class, and, in addition, she formed the Strings Chamber Ensemble and helped to establish a chapter of the American Red Cross in her community. She also volunteered in a soup kitchen, nursing home, and hospital.



Hyekyung Clarisse Kim (center), winner of the 2003 Chasman Scholarship, is pictured with Loralie Smart, BWIS Scholarship Coordinator, and Ralph James, Associate Laboratory Director for Energy, Environment & National Security, a major contributor to the Chasman Scholarship fund.

Kim started her undergraduate career at Columbia University in 1997, but after only two days as a freshman, she took

medical leave due to severe depression. For two years, Kim immersed herself in activities about which she cared deeply,

which helped her overcome her depression. During her leave, she volunteered at a women's shelter, studied astronomy and math, and she resumed playing the piano and violin.

After returning to Columbia, Kim organized a group for women in physics, which includes a mentoring program for young women physicists. She has taken a leadership role in Columbia's chapter of the Society of Physics Students, which includes organizing informal weekly dinners lively with discussions of physics courses and current research projects at Columbia. She has also recently received the Society of Physics Students Leadership Scholarship.

This summer, Kim worked as an intern at DOE's Fermi National Accelerator Laboratory in Illinois. She expects to graduate in May 2004 with a B.S. in physics and mathematics, and she intends to earn her Ph.D. in experimental high energy particle physics.

— Diane Greenberg

Whitesides to Give Pegram Series (cont'd.)

George Whitesides, the Mallinckrodt Professor of Chemistry at Harvard, has received numerous accolades for his research, including the National Medal of Science in 1998, and eight different awards from the American Chemical Society. Recently he received the Materials Research Society's Von Hippel Award as well as the prestigious Pittsburgh Analytical Chemistry Award. Whitesides' work on functional nanostructures termed "self-assembled monolayers" is top-ranked among citations in chemistry. His current research is multidisciplinary, encompassing areas of cell biology, biochemistry, chemical catalysis and materials science.

— Diane Greenberg



Wang Tenure (cont'd.)

Research Center. He then served as Interim Chair of the Medical Department until late 2000. Wang also holds appointments as a Research Associate Professor of Radiology at Stony Brook University and Visiting Scientist at North Shore University Hospital's Division of Nuclear Medicine.

— Karen McNulty Walsh

In Memoriam

Karl Abrams, who, as an advanced technician, had joined the Instrumentation & Health Physics Division on June 5, 1961, and, after 33 years of service, had retired from the Information Technology Division as an advanced computer analyst on December 31, 1994, died on May 31, 2003, at age 73.

George Bryant, who had come to BNL's Instrumentation & Health Physics Division on November 5, 1962, as a Lab custodian and had retired as a plumber A from the Plant Engineering Division on December 28, 1979, died on May 15, 2003. He was 88.

Arrivals & Departures

Arrivals

Anirban Chakraborti Physics
Boris Peterson ES&T
Susumu Sato Physics
Kirill Tuchin Physics

Departures

An Lam Biology

DOE Seeks Public Comment On Peconic River Cleanup

DOE is seeking public comment on a cleanup plan for contaminated sediment in sections of the Peconic River on the BNL site. The comment period will be open from September 22 to October 21, 2003. The document for comment, Engineering Evaluation/Cost Analysis and Action Memorandum: Peconic River Removal Action for Sediment on BNL Property, will be available from Monday, September 22, on the BNL web site at www.bnl.gov/peconic.html and in local libraries.

Interested community members, including BNL employees, may attend either or both of two meetings to speak with project personnel and learn more about the proposed cleanup. These information sessions will be held:

October 7, 7-9 p.m., Cornell Cooperative Extension, Griffing Avenue, Riverhead

October 15, 7-9 p.m., Berkner Hall, BNL.

This cleanup plan addresses contaminated sediments downstream of BNL's sewage treatment plant, on Lab property. Another plan for remaining sediments in portions of the river downstream of Lab property will be released in several months.

Volunteers Needed for Diversity Event

Volunteers are needed to take part in an interactive training session that will increase knowledge of how to interact with people who have disabilities. The entire Lab community is encouraged to attend the session, which will be held in Berkner Hall, Room B, at noon on Thursday, October 2.

The training, named "Disability Jeopardy," was developed by the National Business and Disability Council and is based on the television game show *Jeopardy*.

Teams will be formed by the volunteers, and an instructor from the National Center will ask each team questions pertaining to disabilities. The teams will select questions of increasing difficulty — and point values — from several categories, including disability etiquette, legal basics, numbers, etc. As the answers are given, the instructor will give extra insights provided by the experiences of people with disabilities. There will be a daily double and final jeopardy question, and the winning team will be awarded a prize.

For more information, and, especially, to volunteer as a team member at the event, call Rosa Palmore, Ext. 2703.

Flamenco Concert, 10/12

Sol y Sombra will present "Encuentro Flamenco," a concert sponsored by BNL's Hispanic Heritage Club that will feature Spanish classical and Flamenco music and dance on Sunday, October 12, at 3 p.m. in Berkner Hall.

Maria Loretta, Gregorio DeSilva, Ricardo Santiago, Sofia Islam, and Mieko Seto will be performing with the *Sol y Sombra* principal dancers. Guest artist, classical Indian dancer Arti Datta, along with guitarists Arturo Martinez and Flamenco singer Dominico Caro and other company dance members, will be featured.

Concert tickets, at a cost of \$10 for adults and \$5 for children under 10, can be purchased at the BERA Sales

Office in Berkner Hall, weekdays from 9 a.m. to 3 p.m. Seating is limited, so purchase tickets early. Tickets will not be sold at the door.

For more information, contact the BERA Sales Office, Ext. 3347; Carmen Narvaez, Ext. 3254, or narvaez@bnl.gov; or Omar Gould, Ext. 2656, or ogould@bnl.gov.



'Latin Rhythms,' 10/3, 8 p.m.



Yvette Malavet-Blum

Sponsored by the BNL Music Club, cabaret singer Yvette Malavet-Blum, with Sam Carr at the piano, will give a concert of "Latin Rhythms," on Friday, October 3, in Berkner Hall.

Malavet-Blum of BNL's Director's Office, a performer in Manhattan and Long Island, will sing popular Spanish language songs, English songs with a Latin beat, and Spanish songs with English lyrics. Sam Carr, of BNL's Physics Department, has played for choirs and singers throughout Long Island. The concert is open to all. Buy tickets, at \$8, at the BERA Sales Office or at the door. Visitors over 16 must carry picture ID.

Service Anniversaries

The following employees celebrated BNL service anniversaries during July 2003:

40 YEARS

Chellis Chasman Physics
George Meinken Medical

35 YEARS

David Diamond ES&T

30 YEARS

Jacqueline Mooney Physics
Carl Mc Keever PPM
Nicholas Houvener Fac. & Ops.

25 YEARS

Thomas Butcher ES&T
Farah Youssef Magnet
Lois Marascia ... Dep. Dir. for Ops.
Rosalie Lawrence Fiscal
Gerhard Barnett Plant Eng.
John Flannigan BSD
Deborah Maresca OMC
James Kierstead .. Instrumentation
Jack Tallent Jr NSLS
Peter Ingrassia C-A
Kuo-Chen Wu Magnet

20 YEARS

Robert Sweet Biology
James Meier C-A

10 YEARS

Tina Graham Plant Eng.
Thomas Sexton Plant Eng.
Bruce Yanofsky Central Shops
Charles Yezek Plant Eng.
Eva Rothman NSLS

Life on the Sound Wave

On Wednesday, August 13, 95 — and more, but who's counting — Lab folks boarded the Port Jefferson ferry, *Grand Republic*, and cruised across Long Island Sound to Bridgeport, Connecticut, and back.

The week of rain took a break: blue sky, breeze, and even a slight sunset surprised everyone on board. BNLers and their families and friends visited on the top deck, picnicked, or, more energetically, danced to the rhythmic Reggae music of the King Wellington Trio. Some of the group swayed their way across the sound, congo lines and all! Everyone agreed that this third annual Sunset Cruise was the best yet and started planning for the Hospitality Committee's 2004 cruise.

Money Talks Workshop Estate Planning, 10/1

Learn about estate-planning principles, tax advantages, and how to leave more of your estate to your heirs, at a seminar to be given by American Express Financial Advisors Inc. on Wednesday, October 1, 5:30-7:30 p.m., in Berkner Hall, Room B.

All are welcome. To attend, fill in the "Estate Planning" flier sent to all employees and return it to Joyce Wund, Bldg. 185, by Monday, September 22.

Retirement Counseling

A TIAA-CREF representative will visit BNL on Wednesday, 10/8; Thursday, 10/9; Wednesday, 10/15; and Thursday, 10/16, to answer employees' questions regarding the TIAA-CREF retirement plan, such as TIAA and CREF differences, allocating funds between TIAA and CREF, options, flexibilities with TIAA/CREF, and various retirement options.

To arrange a 45-minute appointment, call Duane Walden, (800) 842-2733, Ext. 7289 (not the on-site Ext. 7289).

BERA Hispanic Heritage Club 'Redhawk' Perez Talk: Taino Indians' Culture

As part of the Hispanic Heritage month celebrations, on Wednesday, October 1, from 12:15 to 1 p.m. in Berkner Hall, all are welcome to attend a talk by Roman "Redhawk" Perez on the Taino Indians and their influence on Hispanic culture.

Himself a Taino artist, musician, and storyteller, Perez will share with his audience the world of the Taino people, who inhabited the Caribbean Islands in pre-Columbian times. Perez will demonstrate Taino music and dance. A small travel museum with Taino artifacts and musical instruments will also be displayed.

The talk is free and open to the public. Visitors of 16 and over must carry a picture ID.

Corporate Challenge Update Third BNL Team to Race in Finals

The Bulletin has just learned that a second men's team of BNL runners qualified to participate in the JPMorganChase Corporate Challenge finals on Park Avenue in New York City on October 4. Joining the BNL men and women already running (see Bulletin of September 12) will be Paul Geiger, Mike Mapes, Brian Boyer, and Vic Usack.

Says Jim Marron, who coordinated BNL's entries to the Corporate Challenge, "To be competing in the finals of this international event is an honor, and BNL is honored to have three teams eligible! Good luck on October 4th!"

BERA Softball Party, 9/25 Today is the Last Day to Purchase Tickets

All softball players and guests are invited (adults only please) to the annual BERA Softball League party, to be held 6-10 p.m. on Thursday, September 25, at the new building at the Inn at East Wind Caterers, Wading River. Tickets cost \$25 per person for the first 100 paid softball players (you must be on a team roster) and \$40 thereafter for softball players and guests. Tickets include full open bar, cocktail reception, salad, two pasta specialties, four hot entrees, coffee, cake, and DJ music. Purchase tickets at the BERA Sales Office today, September 19. No tickets will be sold after today. For more information, e-mail softball@bnl.gov.

Staff Development Courses — Fall 2003

The Human Resources Division has scheduled the following Staff Development courses for October, November, and December.

- 10/1 Goal Planning & Appraising Job Performance*
- 10/7 Interpersonal Communication Skills
- 10/14 Conducting an Effective Selection Interview*
- 10/21 Employee Performance: Goal Planning
- 11/4-6 Interpersonal Managing Skills*
- 11/13 Exceptional Customer Service
- 11/19 Facing the Tough Stuff of Management*
- 12/2 Managing Effective Meetings
- 12/3 Time Management
- 12/9 Salary Review Workshop for Supervisors*
- 12/0 Time Management for PDAs

*Supervisory and Management Courses

For course and audience descriptions, go to <http://www.bnl.gov/HR/staffdev/staffdev.htm>. A Request for Training form is available on line.

Warehouse Closing for Inventory, 9/25, 9/26

The stores warehouse will close for two days, Thursday and Friday, September 25 and 26, for the annual physical inventory.

During this time, pick tickets will not be processed by PeopleSoft and routine stock requests will not be handled. Stock users are asked to place all stock needs at least two days in advance of these days to ensure receiving items from stock. Page George Dioguardo on digital pager, Ext. 6300, or call Ron Ondrovic, Ext. 4553, for emergency requests. The warehouses will be reopened on Monday, September 29.

New On-Line Account Request Form

The Information Technology Division (ITD) recently announced the availability of a new on-line Account Request form, which can be found at <http://www3.bnl.gov/accounts-dev/>.

This easy-to-complete form allows new BNL employees and guests to apply for various accounts such as e-mail, NT domain, Crypto Card, UNIX, etc., with instant submission to the Account Management Office, without having to visit the office in person. For more information about this form, contact Marty Gormezano, ITD Customer Support Manager, Ext. 3418, or Gormezano@bnl.gov. This form can also be found at www.bnl.gov/itd/amo/default.asp.

Talk: Women Scientists' Glass Ceiling, 10/9

Sponsored by Brookhaven Women in Science, Elga Wasserman, author and science, law, and university administrator, will lecture on "Breaking the Glass Ceiling: Myths and Realities for Women Scientists," at noon on Thursday, October 9, in Berkner Hall. All are welcome to this free talk.

Flu Shots Offered at OMC

The influenza (flu) vaccine will be offered to all full-time and part-time BNL employees at the Occupational Medicine Clinic, (OMC) Bldg. 490, Tuesday to Friday, September 30-October 3. Flu shots will be available through December for those who are unavailable during the times listed below. The schedule will be:

- 9:30 a.m. to 10:45 a.m. Last Names A to G
- 10:45 a.m. to 11:45 p.m. Last Names H to M
- 1 p.m. to 2:30 p.m. Last Names N to S
- 2:30 p.m. to 4 p.m. Last Names T to Z

All BNLers are asked to bring their ID badges and, in order to expedite the vaccination process, OMC staff recommend wearing a short-sleeved shirt. For more information about the flu vaccine, call Ext. 3670, and ask to speak with a nurse.

Calendar

(continued)

Tuesday, 9/23

*Pegram Lecture Series, Berkner Hall
George Whitesides, Harvard University, will give two more talks:
11 a.m. Microtools for Biology
4 p.m. The Future of Science and Technology. See story, page 1.

Thursday, 9/25

*Noon Concert by BNL Choral Group
Noon, Berkner Hall. All are welcome. See notice on page 4.
*BERA Softball Party
6-10 p.m. East Wind Caterers in Wading River. See notice, left. No tickets sold after 9/19. E-mail softball@bnl.gov.

Saturday, 9/27

Bus Trip to Storm King Art Center
\$12 per person. Bus leaves BNL at 10 a.m. for the Storm King Art Center and Sculpture Park, located in Mountainville, N.Y. with grounds that are surrounded by the dramatic panorama of the Hudson Highlands. Bring picnic lunch as there are no food facilities but vending machines. Buy tickets at BERA Sales Office. Christine Carter, Ext. 5090.

— WEEK OF 9/29 —

Wednesday, 10/1

*Taino Artist, Musician, Storyteller Talks on Taino Indians' Influence On Hispanic Culture
12:15-1 p.m. Berkner Hall. As part of celebrations of Hispanic Heritage Month. See notice at left.
*Money Talks Workshop: Estate Planning
5:30-7:30 p.m., Berkner Hall, Room B. See notice at left.

— WEEK OF 10/6

Tuesday, 10/7

Caring Friends Meet
Noon, Berkner Hall, Room D. An informal support group is being started to serve as a resource for individuals experiencing grief and the many emotions following the loss of a loved one. Gatherings will be held on the first Tuesday of each month. All are very welcome. For more information, call Pat Hein, Ext. 3962, or Gerry Van Derlaske, Ext. 3476.

Thursday, 10/9

*Glass Ceilings for Women Scientists
Noon, Berkner Hall. BWIS-sponsored talk by Ella Wasserman on "Breaking the Glass Ceiling: Myths and Realities for Women Scientists." All are welcome to this free talk. Visitors over 16 must carry photo ID.
Community Advisory Council Meeting
6:30 p.m., Berkner Hall, Room B. Open to the public. See also <http://www.bnl.gov/community/CAC.htm>.

Sunday, 10/12

*Flamenco Concert by Sol y Sombra
3 p.m., Berkner Hall. See notice, page 2.

Note: This calendar is updated continuously and will appear in the Bulletin whenever space permits. Submissions must be received by the preceding Friday at noon to appear in the following week's Bulletin. Enter information for each event in the order listed above (date, event name, description, and cost) and send it to bulletin@bnl.gov. Write "Bulletin Calendar" in the subject line.

BERA Cycletrons, Camping Club BBQ Together

The BNL BERA Cycletrons had their 6th annual family BBQ and invited the BERA Family Camping Club to join them (photo below). One hundred club members, family, guests, and retirees attended. The bikers barely managed to beat the campers in a tug-o-war. A challenge awaits all comers next year!



