

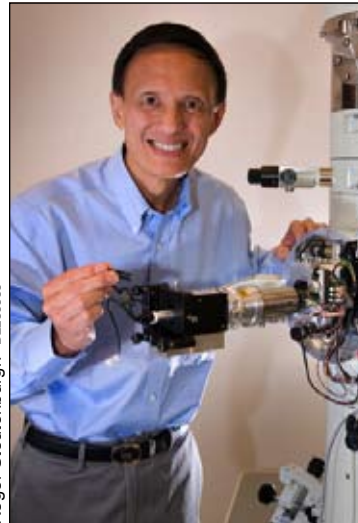
## BNL's Yimei Zhu Elected Fellow, Microscopy Society of America

Yimei Zhu of the Condensed Matter Physics and Materials Science Department, has been elected the inaugural Fellow of the Microscopy Society of America, an affiliate of the American Institute of Physics and the American Association for the Advancement of Science. Limited to a small fraction of members, the designation of Fellow recognizes senior distinguished members of the society who have made significant contributions to the advancement of the science and practice of microscopy.

Zhu was awarded the society's first fellowship at its annual meeting in Richmond, Virginia, in July. His citation reads: "For outstanding and innovative development and implementation of advanced electron microscopy techniques including quantitative diffraction, imaging, spectroscopy, and phase retrieval methods in understanding superconducting, ferromagnetic, and strongly correlated materials."

"The Microscopy Society of America is a very large and diversified society with members working in both physical sciences and life sciences. I am very happy about this recognition from my peers in the society," Zhu said. "I am fortunate to be able to work with my colleagues at Brookhaven Lab, where we have several world-class electron microscopes, and where I have access to complementary methods at the National Synchrotron Light Source [NSLS] to study the structure and properties of materials at the atomic scale. Eventually, I will have access to more sophisticated probes at the NSLS-II." Currently under construction, the NSLS-II will be the world's brightest synchrotron when it goes online in 2015.

Unlike optical and x-ray microscopes, which use light to



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magnify objects and their inner structures, electron microscopes project electrons toward the material under study. The electrons penetrate the sample to reveal its atomic structure, which can be related to its properties. Zhu and his group use state-of-the-art electron microscopes that can magnify an object more than 50 million times.

Zhu's work includes assessing the structure and properties of materials such as thermoelectrics that can convert heat to electricity, superconductors that can conduct electricity with no energy loss, and materials that can be used in magneto-electronic devices at nanoscale dimensions for applications ranging from digital communication to data storage.

A Fellow of the American Physical Society, Zhu has won numerous awards for his work, including the International Federation of Societies for Electron Microscopy's Kazuo Award in 1986, the American Ceramic Society's Roland B. Snow Award in 1988, DOE's Chunky Bullet Award in 2001, and BNL's Distinguished Science & Technology Award in 2003.

See *Yimei Zhu* on pg. 2



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The 2009 R&D 100 Award-winning team are Yonggang Cui (seated), from BNL's Nonproliferation & National Security Department (NNSD), and (counter-clockwise, from right), Terry Lall, Hybridyne Imaging Technologies, Inc.; Ralph James, NNSD; George Mahler, Collider-Accelerator Department; Aleksey Bolotnikov, Ge Yang, Anwar Hossain, and Giuseppe Camarda, all from NNSD. Not pictured are Paul O'Connor and Gianluigi De Geronimo, both from BNL's Instrumentation Division, and Ben Tsui, The Johns Hopkins University.

## BNL, Hybridyne Imaging Technologies, Inc., Win R&D 100 Award for Compact Camera

### Compact Gamma Camera Will Image Prostate Cancer

BNL and Hybridyne Imaging Technologies, Inc., of Toronto, Canada, have won a 2009 R&D 100 Award for developing a compact gamma camera for high-resolution imaging of prostate cancer. The camera system, called ProxiScan™, is a nuclear medical instrument that can localize cancer tissue in the prostate gland in detail at an early stage, which is important for the successful diagnosis and early treatment of the potentially deadly disease.

R&D Magazine gives R&D 100 Awards annually to the top 100 technological achievements of the year. Typically, these are innovations that transform basic science into useful products. The 2009 awards will be presented on November 12, in Orlando, Florida.

"The Department of Energy's national laboratories are incubators of innovation, and I'm proud

they are being recognized once again for their remarkable work," said Energy Secretary Steven Chu. "The cutting-edge research and development being done in our national labs is vital to maintaining America's competitive edge, increasing our nation's energy security, and protecting our environment. I want to thank this year's winners for their work and congratulate them on this award."

#### Existing Diagnostic Technology Limitations

The common way to diagnose prostate cancer — the second leading cancer among men, next to lung cancer — is through a blood test that measures the levels of a protein produced by the prostate gland called prostate-specific antigen, or PSA. Elevated PSA levels may indicate prostate cancer, but with a high number of false-posi-

tive detections. Often, then, men must have an invasive biopsy, normally guided by ultrasound imagery. Other methods for confirming a diagnosis of prostate cancer include conventional nuclear medical imaging techniques, such as positron emission spectroscopy and single photon emission computed tomography.

However, the current imaging methods have limitations. Benign and cancerous tumors cannot easily be distinguished by ultrasound, and fibrous tissues can be mistakenly identified as tumors if patients have had radiation treatment of the prostate previously. Traditional nuclear imaging systems produce lower-resolution images and are less efficient than Brookhaven's compact digital camera. Also, the detectors in current systems are too large to be used in trans-rectal probes.

See *R&D 100 Award* on pg. 2

## Making Room for More Data

Lab departments collaborate to complete a new computer data center for huge quantities of data from experiments around the world

A new customized extension has been added to the Information Technology Division's (ITD) Building 515 at BNL — and it is green, within budget, and will be ready just in time. Once the first batch of new computers and storage systems are installed, the new data center will be ready to store and analyze hundreds of terabytes of data from the detectors at the Relativistic Heavy Ion Collider (RHIC) and other major experiments around the world planning to use BNL's computing facilities.

A collaboration with the Lab's RHIC/ATLAS Computing Facility (RACF), ITD, Facilities and Operations' (F&O) Modernization Project Office (MPO), and Long Island-based architectural, engineering, and contracting/construction companies, BNL's new building extension is a part of the computer data center expansion project and is the last major project to be funded by DOE's General Plant Project Funds. Future similar projects will be

supported by BNL Institutional Plant General Plant Project (IGPP) Funds. Data processed at the facility will assist researchers working with RHIC, the Large Hadron Collider's ATLAS Detector, the Large Synoptic Survey Telescope in Chile, the Daya Bay Neutrino Experiment in China, and the Long Baseline Neutrino Experiment in South Dakota.

"This building represents a significant step forward in our Lab's computing infrastructure and will enable the installation of important new capabilities to everyone's benefit," said Doon Gibbs, the Lab's Deputy Director for Science and Technology. "I was particularly impressed at the way RACF, ITD and F&O worked together to bring this project to completion, and especially with F&O's ability to deliver such a major undertaking under extremely challenging constraints. They did it safely, on time and on budget and have produced a lot of happy customers. I congratulate F&O for a job very well done."

Totalling 11,100 square feet, the extension is made up of a 6,600-square-foot main floor and a 4,500-square-foot basement. The new data center will house servers and data archives capable of storing multiple petabytes of data. Just one petabyte contains approximately 1 million gigabytes — the equivalent of 6,250 hard drives in a new "stock" Apple laptop computer.

"We are essentially a library system that can store and crunch huge amounts of data," explained Tony Chan, a sub-group leader within RACF. "With our computers, a fast network, and a robotic tape archive system, researchers can request data and then analyze, store, and reanalyze it from anywhere."

#### Built to Suit

"This building was not designed to be just a shell," said Michael Ernst, RACF director. "Planning for the building began in December 2007 and the Lab's Modernization Project Office held



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meetings with stakeholders and the construction companies each week, maintaining a lot of interaction to develop the building in

the right direction. Those meetings were extremely important throughout the entire process."

See *Data Center* on pg. 2

*Yimei Zhu from pg. 1*

Zhu earned a B.S. in materials physics from Jiao Tong University, Shanghai, in 1982, and was one of the first few students selected in China to pursue graduate study abroad after the country opened its doors to the West. He received his M.S. and Ph.D., also in materials physics, from Nagoya University, Japan, in 1985 and 1987, respectively. After working as a research associate at the University of Virginia, he joined BNL in 1988 and rose through the ranks to become a senior scientist in 2002. He is an adjunct professor at Columbia University and Stony Brook University.

— Diane Greenberg

## BNLers Gather At BWIS Talk On Compensation

About 100 people filled Berkner Room B on Thursday, August 13, to hear the Lab's compensation manager Robert Kelly talk about BNL salaries and how they are determined. The presentation was sponsored by Brookhaven Women in Science (BWIS).

In his lecture, Kelly explained that most Lab jobs are categorized into "families" to enable career growth. He also discussed how jobs are assigned to salary schedules and grades with ranges that are reviewed annually, and how the Lab ensures that salaries are both competitive with other organizations and equitable relative to other BNL employees.

Unlike many private companies, the Lab's compensation system is more transparent. According to Kelly, "All the Lab's compensation policies are freely available on the Human Resources and Occupational Medicine Web site as well as SBMS [the Standards-Based Management System]."

BWIS has posted Kelly's presentation slides on its Web site: [www.bnl.gov/BWIS/](http://www.bnl.gov/BWIS/). Additional information on the Lab's compensation policies are available online at [www.bnl.gov/HR/salaries-awards/](http://www.bnl.gov/HR/salaries-awards/) and [https://sbms.bnl.gov/sbmsearch/subjarea/56/56\\_SA.cfm?parentID=56](https://sbms.bnl.gov/sbmsearch/subjarea/56/56_SA.cfm?parentID=56).

## AdoptaPlatoon Fundraiser

For a future AdoptaPlatoon fundraiser, please drop off donations of books, CDs, and DVDs at the front desk, Occupational Medicine Clinic, Bldg. 490.

## CIGNA Questions? Get Answers, 8/26

Attention, all CIGNA Medical, Dental and Flexible Spending Account participants: A representative from CIGNA Healthcare will be on site in the Research Support Building, Bldg. 400, on Wednesday, August 26, to assist you with any claims issues that you have been unable to resolve yourself. Mary Beth Kivlen will be available by appointment from 10 a.m. to 1 p.m. Appointments will be scheduled every 30 minutes. Be sure to bring all pertinent documentation to your meeting. To schedule an appointment, call Jorge Romero, Benefits Office, Ext. 5126.

*Data Center from pg. 1*

Unlike other on-site data centers that were installed in pre-existing buildings, this new data center will reside in a highly customized structure designed and built specifically for it.

"In addition to the security reasons, the main reason there aren't any windows in this building is to keep it very well-insulated," said Eric Blum, manager of the Brookhaven Computing Facility within ITD. "The computers in this room will produce a lot of heat so there are several very large cooling units inside the main room that will keep everything cool."

Another custom feature of the new extension is the 30-inch raised floor with removable tiles, said Blum. "These large cooling units contain big fans that push a lot of air beneath the floor which then comes out through floor grates near the computers. This floor is 18 inches deeper than the floor in the older data centers but that big under-floor space is needed to keep all of the air circulating."

Dennis Danseglio noted other advantages to the 30-inch raised floor. He is the MPO project manager who coordinated the entire construction of the new building extension.

According to Danseglio, electrical and networking cables below the floor's surface are much more accessible for maintenance and upgrades because of the extra space. The subflooring has also been fitted with several drains and a leak detection system to contain



RACF's Tony Chan (right) reviews schematics with Dennis Danseglio of F&O's Modernization Project Office in one of the Lab's existing data centers.

any leakage and prevent flooding from affecting the computers and the facility.

### Overridden Building Blocks

Under the management of Danseglio and F&O's MPO, the building extension has reached "Substantial Completion" in only 11 months. Some work outside the structure on sidewalks, parking lots, and drainage is still ongoing as computing equipment is installed this month, but the facility is on track to be up and running this fall.

"All the snow and rain this year jeopardized the completion date. But we began pouring concrete two days before Christmas and crews worked through several

optimized for surgical use as a probe to guide the removal of cancerous tumors while minimizing damage to surrounding healthy tissues.

CZT detectors have fostered the development of new instruments for measuring radiation. Numerous medical, industrial, scientific, environmental and homeland-security applications exist for this technology, including handheld instruments to reduce the trafficking of nuclear materials and portable field instruments for environmental monitoring and remediation.

DOE's Office of Nonproliferation Research & Development has been the principal sponsor funding the development of CZT detectors, and Hybridyne Imaging Technologies funded the design and engineering of the new compact gamma camera. The inventors have 16 patents on the technology, ranging from detector design and fabrication to imaging. Brookhaven Science Associates, the company that manages BNL, has a patent pending on the advanced CZT detectors.

Established by Congress in 2000, NNSA is a semi-autonomous agency within DOE responsible for enhancing national security through the military application of nuclear science in the nation's national security enterprise. NNSA maintains and enhances the safety, security, reliability, and performance of the U.S. nuclear weapons stockpile without nuclear testing; reduces the global danger from weapons of mass destruction; provides the U.S. Navy with safe and effective nuclear propulsion; and responds to nuclear and radiological emergencies in the U.S. and abroad (see [www.nnsa.energy.gov](http://www.nnsa.energy.gov)).

— Diane Greenberg

ash," soot captured from coal-driven power plants, was added to recycled concrete. This recycled additive reduces the amount of water and concrete needed while also making the mixture stronger and more durable. Other building materials from regional sources were used too, as required by Leadership in Energy and Environmental Design (LEED), a standardized green-building certification system.

The computing facility will also rely on a more environmentally friendly back-up power system, or "uninterrupted power supply" (UPS). Rather than relying on a battery-based UPS that takes up large amounts of space and leads to dead, toxic batteries over time, this new facility is backed up by a flywheel system. These flywheels constantly spin using a small amount of power but in the event of a power outage, momentum from the rotating flywheels will provide enough temporary power for the electrical system to switch over to backup generators without shutting down any of the facility's computers. This UPS equipment will be stored in the facility's basement.

### The Current Status

The first batch of computing equipment will be installed in Bldg. 515's new extension during August. Only a portion of the facility will be used in the extension's early years but additional equipment will be added as more electricity is directed to the building between now and 2012. — Joe Gettler

## Help for Depression, Suicidal Thoughts 'No One Knew My Pain'

The following message comes from BNL's Employee Assistance Program Manager, Nancy Losino:

If depression or bipolar disorder affects you or someone you care about, you know that one symptom of these illnesses may be feelings of hopelessness and thoughts of suicide. If such thoughts occur, there are ways to respond with strength and courage. It is important to remember that suicidal thoughts are temporary, but suicide is permanent. Some facts to keep in mind:

- Mood disorders are not character flaws or signs of personal weakness, nor are they conditions that will just "go away" with positive thinking.
- Mood disorders are medical conditions caused by changes in the chemistry of the body and brain. There are many effective medications that can reverse the impact of brain chemistry, and when combined with psychotherapy, can produce rapid recovery from depression and suicidal thinking.
- Finding the right treatment can feel like too big a task when you are feeling depressed. The Employee Assistance Program (EAP) can expedite this process utilizing the in-network providers who are accepting new referrals. Call Ext. 4567 for an appointment. Walk-ins are also accepted. We are located in Bldg. 490, in room 5-1.

More information about preventing suicide can be viewed on the EAP website, in a short video titled: "Suicide Prevention." It is completely confidential, no sign-in is required. You can also view it via: <http://training.bnl.gov/course/Suicide/>.

EAP will also be conducting a Depression Screening Week September 21-25, 2009. See upcoming flyer for details. If you are experiencing clinical symptoms, please call EAP at Ext. 4567 or during off-hours at 631-466-2078. Additional 24/7 coverage is provided via CIGNA Behavioral Health at 1-877-622-4327.

## Service-Station Contractor Change

Upton Industries, Inc., the current contractor for BNL's on-site service station, is leaving the Lab. Monday, August 31, is the last day that the station will remain open.

A new contractor will start operating on or about November 2, possibly a little earlier. In the interim, the on-site service station will be closed for repairs and maintenance. During this time, the Lab community is asked to get gas and have vehicle repairs done off-site.

### Service Station Will Honor Existing Guarantees

After August 31, the on-site service station, Upton Industries, Inc., will leave the Lab. At their new location, which will be the Getty Station, 1823 Middle Country Road, Ridge, they will honor all warranties or guarantees that were given for vehicles they serviced while Upton Industries was at the Lab.

# Swimming Across the Sound To Help Cancer Patients

At work, John Gosman has a challenging job. He is the lead mechanical engineer for conventional facilities at the National Synchrotron Light Source II, a 386,035 square-foot building that will house the world's brightest light when it is completed in 2015.

Gosman also tackles large, challenging projects in his leisure time. On Saturday, August 1, he swam 15-1/2 miles in 9 hours, 53 minutes, from Port Jefferson, New York, to Bridgeport, Connecticut in the 22nd Annual St. Vincent's SWIM Across the Sound marathon. In doing so, he raised \$1,580 for St. Vincent's Medical Foundation, which provides cancer education, screening and prevention programs at low or no cost for the elderly and underserved. In addition, SWIM helps individual cancer patients with specific needs, such as the funding of wigs and prostheses, medication assistance, and transportation for treatments.

While 160 swimmers took the SWIM challenge, Gosman was one of only 15 solo swimmers to cross the Sound; the others were relay swimmers.

"It's feels great to have been a part of this," Gosman said. "I love swimming, but what makes it especially exhilarating is that it benefits a great cause."

Gosman lost several family members to cancer, and he was moved when a former college friend sent him a contribution for SWIM, saying he was currently battling cancer.

The SWIM marathon began in 1987 when Jeffrey Keith, who had lost part of his legs to cancer, swam across the Sound with his friend Matthew Vossler, raising \$5,000 for cancer care. This year, the swimmers raised more than \$350,000 in SWIM Across the



John Gosman

Sound, and donations are still coming in.

A total of 85 boats escorted the swimmers, along with a number of law enforcement and Coast Guard boats. A captain, a first mate, an emergency medical technician and Gosman's wife were watching Gosman closely from the boat alongside him. "I wasn't allowed to touch the boat, but support was provided by my wife who tossed food and fluids to me about every four miles, then every two miles, and, towards the end of the swim, every mile," Gosman explained. "I needed to keep up my energy."

Growing up in Wading River, Gosman began swimming in the Sound as a very young child. As a student at Clarkson University, he was a member of the college swim team, focusing on 50-meter to 200-meter races. This year, Gosman became interested in long-distance open water swimming and began to intensify his training. On Memorial Day

weekend, he started to train for the marathon every day, spending early mornings swimming in Wildwood Lake in Riverhead and evenings in the Sound. On weekends, he took his family to Hammonasset State Park in Connecticut, where he would meet with fellow long distance swimmers training for this event. Practice swims would range from 8 to 12 miles in the Sound.

Gosman also swims at the Lab pool, and he praised the BERA Swim Club as an excellent team who were very supportive of his marathon effort. Now that Gosman has accomplished this year's goal, he is set to start training for next year's marathon.

It's not too late to donate funds in support of John Gosman's efforts to contribute to caring for cancer patients. For more information, go to "John's Personal Page" at <http://give.stvincents.org/Page.aspx?pid=326&frsid=295> or contact him at Ext. 7832.

— Diane Greenberg

## Arrivals & Departures

— Arrivals —

Thomas Flanagan..... C-AD  
Tito Juarez..... C-AD  
Teri Lazar.....Dir.'s Office  
Joseph Papu..... NSLS  
Yang Qin..... CFN  
David Shapiro.....NSLS-II  
Ciro Sirio..... C-AD  
Lingyun Yang.....NSLS-II

— Departures —

Devicharan Chidambaram.....ES  
Sarah Maine..... CEGPA

### Defensive Driving Class, In Two Parts, 8/24 & 27

The next six-hour Defensive Driving (Point & Insurance Reduction) course will be held in two parts on Monday and Thursday: August 24 and 27, in Berkner Room B, from 6 p.m. to 9:15 p.m. The course is open to BNL, BSA, and DOE employees, facility-users, and their families. The cost is \$38 per person. Pre-registration is required. To register, call Ed Sierra, 821-1013, and leave a message. Include your phone number.

### Non-Native English Speakers: Learn to develop your skill in making Scientific/Technical presentations

The English for Speakers of Other Languages (ESOL) Program Coordinator is available to meet with non-native English speakers who give scientific presentations to give tips on improving delivery.

Assistance includes working on pronunciation, developing the stress and intonation of English, and preparing the presentation in an audience-friendly way. Please feel free to contact Jennifer Lynch, ESOL Program Coordinator, at [jlynch@bnl.gov](mailto:jlynch@bnl.gov) or by calling Ext. 4894 to make an appointment.

## CALENDAR

— WEEK OF 8/24 —

Monday, 8/24

### IBEW Meeting

6 p.m. Centereach Knights of Columbus Hall, 41 Horseblock Rd., Centereach. 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.

### \*Defensive Driving, Part I of Two

6-9:15 p.m. Berkner Hall, Room B. (Note: changed location.) \$38. Call 821-1013, leave tel. no. See notice, left.

Thursday, 8/27

### \*Defensive Driving, Part II of Two

6-9:15 p.m. Berkner Hall, Room B. (Note: changed location.) Part II. See notice, left.

Saturday, 8/29

### \*Biker BBQ & Family Picnic

Noon. Gazebo. The Cycletrons invite all with an interest in motorcycles to a picnic: burgers, hot dogs, salads, soda, games, raffles, kids' activities. Tickets are \$10, children of 12 and under are free. Call Tony Arno, Ext. 6153, Charles Gardner, Ext. 5214, John McCaffrey, Ext. 2075.

— WEEK OF 9/7 —

Monday, 9/7

Lab Closed for Labor Day Holiday  
No Bulletin on 9/11.

Friday, 9/11

### \*Concert, Dance

8 p.m. Brookhaven Center. Memphis Soul Review will perform Texas rock and blues, rhythm and blues. Tickets are \$16. Visitors to the Lab 16 and older must bring a photo ID. See pg. 4.

— WEEK OF 9/14 —

Monday, 9/14

### BSA Distinguished Lecture

4 p.m. Berkner Hall. Arnold Levine, Institute for Advanced Study, who discovered p53, the single most common genetic marker for cancer, will talk on "From Sea Anemone to *Homo sapiens*: The Evolution of the p53 Family of Genes." The lecture, which is sponsored by Brookhaven Science Associates, the company that manages BNL, is free and open to the public. Visitors to the Laboratory age 16 and over must bring a photo ID.

## BERA Trip: Cape Cod

Buy tickets weekdays, 9 a.m.–3 p.m. at the BERA Store in Berkner Hall. Coaches depart BNL from the Brookhaven Center. For information on more trips, see [www.bnl.gov/bera/recreation/events.asp](http://www.bnl.gov/bera/recreation/events.asp).

**Cape Cod:** October 2–4. Ferry ride, tours of Martha's Vineyard and the Kennedy compound, shopping, and whale watching or dune buggy ride. Singles: \$406, doubles: \$350 each, triples: \$330 each, quadruples: \$315 each — includes transportation, lodging, and some meals. For more information, contact Joann Giambalvo, Ext. 7459, [giambalvo@bnl.gov](mailto:giambalvo@bnl.gov).

## Swim Lessons For 4-Year-Olds

Swim lessons will be offered on Saturday mornings, specifically for 4-year-old children of BNL families. These one-hour lessons begin at 9 a.m. and will run September 12 until October 24. Registration is \$80 per child. For more information, call Sue Dwyer, Ext. 3496, or the Recreation Office, Ext. 2873.

## Answering Employees' Concerns

BNL is committed to the highest ethical standards, to working safely, and to protecting the environment. The Lab's Employee Concerns Program was established to safeguard these commitments. Should any employee have unresolved issues concerning: the environment, safety, health, waste, fraud, or abuse, he or she may proceed in the following way:

- Alert your line management to your concern.
- Is your environment, safety or health problem still not resolved? Contact your Environment, Safety & Health (ES&H) Coordinator or Facilities Support Representative. Concerns covered by labor agreements must be addressed through the labor grievance process.
- You may also report an environmental, safety or health concern through the BNL ES&H Hotline, Ext. 8800, or via the web using the ES&H Concern and Suggestion Form at [http://intranet.bnl.gov/ESHQ/ESH\\_Concern\\_Form.asp](http://intranet.bnl.gov/ESHQ/ESH_Concern_Form.asp). You may request anonymity in both cases.
- If you still believe a condition or practice violates BNL standards, contact the Employee Concerns Program, Susan Foster, Ext. 2888, or [EmployeeConcerns@bnl.gov](mailto:EmployeeConcerns@bnl.gov). A formal and confidential investigation will be conducted, and you will receive a response. The Lab will not discriminate against any employee who has filed a complaint.
- Still not satisfied? You may request an inspection from a DOE representative by filing a request directly with the Brookhaven Site Office, Ext. 4089.
- Also, be aware that DOE has a process for resolving differing professional opinions, "Differing Professional Opinions Manual for Technical Issues Involving Environment, Safety and Health," (DOE M 442.1-1, Approved 11-16-06). For information, call Ext. 4089. DOE will maintain confidentiality, if requested.

More useful information is available at [https://sbms.bnl.gov/sbmssearch/subjarea/200/200\\_SA.cfm](https://sbms.bnl.gov/sbmssearch/subjarea/200/200_SA.cfm) and [https://sbms.bnl.gov/sbmssearch/ProgDesc/ESP/ESP\\_PD.cfm?ProgdescID=100](https://sbms.bnl.gov/sbmssearch/ProgDesc/ESP/ESP_PD.cfm?ProgdescID=100).

## New Series of Ballroom Dance Lessons Begins Next Month, 9/9

Three new six-week sessions of weekly ballroom dance lessons, sponsored by the BNL Ballroom Dance Club and given by instructor Giny Rae at a cost of \$30 per person for each session, will start

on Wednesday, September 9. The new schedule is as follows:

Beginner ONLY hustle lessons, 5:15-6:15 p.m.; intermediate foxtrot lessons, 6:15-7:15 p.m.; and intermediate tango 7:15-8:15

## Benefits Office Reminder Proof of Student Status

All medical/dental plan participants are reminded to submit updated proof of student status to the Benefits Office, Bldg. 400B, for the upcoming college semester. The Benefits Office will submit this to the insurance company on your behalf. Proof of student status must be in writing from the college or university and include:

- Dependent name
- Name of college/university
- Semester for which the child is attending
- Indication of full-time status (usually at least 12 credits for undergraduate programs)

For a child over age 19 to be eligible for benefits, he or she must be unmarried, a full-time student attending an accredited college or university and primarily supported by you. Dependent children who meet these criteria may be covered until the end of the year in which age 23 is attained.

Employees covering dependent children over the age of 19 as full time students should be aware that full-time students are only covered in between semesters if the student attends classes on a full-time basis for both the Spring and Fall semesters. Otherwise coverage ends on the last day the child attended an accredited college or university on a full-time basis. If there is a possibility that the child may not be in full-time attendance for the Fall semester, please contact the Benefits Office immediately to discuss continuation of benefits through COBRA.

You must notify the Benefits Office if you have dependents on your coverage that do not meet the above criteria. These dependents may be eligible for COBRA benefits. For more information, call the Benefits Office, Ext. 5126 or 2877.

p.m. Classes are held in the North Ballroom of the Brookhaven Center. Lessons are open to all BERA members: BNL employees, retirees, official BNL visitors and their immediate families (spouse and

children). Each BERA member may bring a partner, but a partner is not necessary to participate.

Contacts: Donna Grabowski, Ext. 2720; John Millener, Ext. 3853; or Kathleen Tuohy, Ext. 3845.

