

## Walter G. Copan Named Manager Technology Commercialization & Partnerships

Walter G. Copan, an internationally recognized leader in technology management and commercialization, has been named BNL's Office of Technology Commercialization and Partnerships Manager, effective March 22.

"I am pleased to join Brookhaven Lab to lead its Office of Technology Commercialization and Partnerships," Copan said. "The Lab, which is known for its world-class science, is seeking to increase the impact of its innovations in the commercial marketplace. It is my honor to represent this DOE lab in building and leveraging partnerships with industry, academia, and government to create economic growth for the benefit of the nation and the world."

BNL's Office of Technology Commercialization and Partnerships brings together a diverse array of skills in science, business, marketing, and law to foster intellectual property creation, licensing, business development, collaborations, and new company start-ups built around BNL innovations. The office works closely with other sectors of the Lab to achieve results, communicating the market potential of BNL's inventions, cultivating important business relationships



for the Lab, and supporting economic development for the region and the nation.

The Office of Technology Commercialization and Partnerships encourages exchanges of personnel among the Lab, industry, and academia, as well as cooperative research efforts with a wide range of partners. Also, industry, university, and government laboratories are invited to use Brookhaven's premier scientific facilities. The office's active patent licensing program makes Brookhaven-developed technology available for commercialization.

See Copan on pg. 2

## BNL Distinguished Lecture Physicist Rubakov To Speak: Extra Dimensions in Space, 4/27

Valery A. Rubakov, chief scientist at the Institute for Nuclear Research at the Russian Academy of Sciences, will give a BSA Distinguished Lecture — "Extra Dimensions of Space: Are They Going to be Found Soon?" — on Tuesday, April 27, at 4 p.m. in Berkner Hall. BSA Distinguished Lectures are sponsored by Brookhaven Science Associates, the company that manages Brookhaven Lab, to bring topics of general interest before the Laboratory community and the public. The lecture is free and open to the public. Visitors to the Laboratory age 16 and over must bring a photo ID.



Rubakov received a M.Sc. in physics from Moscow State University in 1978, and a Ph.D. in physics and mathematics from the Institute for Nuclear Research, Russian Academy of Sciences, in

1981. In addition, he pursued his postgraduate education at the Institute of High Energy Physics in Protvino, Russia, in 1989. In 1981, Rubakov began his career as a junior research fellow at the Institute for Nuclear Research, Russian Academy of Sciences, and he advanced through the ranks to become vice-director of research in 1987, and chief scientist in 1994. He also is a professor of physics at Moscow State University.

Rubakov has received numerous awards for his research, including the Gold Medal and Prize of the Russian Academy of Sciences for Junior Scientists in 1984, the A.A. Friedmann Prize of the Russian Academy of Sciences in 1997, the Pomeranchuk Prize from the Institute for Theoretical and Experimental Physics in 2003, the M.A. Markov Prize from the Institute for Nuclear Research in 2005, and the J. Hans D. Jensen Prize from Ruprecht-Karls University in Heidelberg and the Solvay Chair in Physics at the International Solvay Institutes in Brussels, both in 2009.

— Diane Greenberg

## BNL's Ralph James, Yonggang Cui Honored as *The Village Times Herald's* 'Men of the Year in Science'

Two researchers from BNL — Ralph James and Yonggang Cui — were chosen as "Men of the Year in Science" by *The Village Times Herald*, a local weekly newspaper based in Setauket, NY. James and Cui worked together at the Lab to develop an imaging system to detect prostate cancer in detail at an early stage. The new system, called ProxiScan™, could greatly improve the accuracy of diagnosing the potentially deadly disease and provide the detailed information needed for its early treatment.

James and Cui were honored at a *Village Times Herald* reception at The Three Village Inn in Stony Brook on March 28. Leah Dunaief, the newspaper's publisher, moderated the ceremony at which local men and women were honored for their significant accomplishments to benefit their communities and institutions during the past year.

One in six men develops prostate cancer during his lifetime, and one in 35 will die from it. ProxiScan™ may save lives when it is available in the marketplace. It is expected to be commercially attractive compared to existing technologies, since it will offer higher resolution, better image quality, and lower costs. The technology must undergo clinical testing before it is ready to be marketed.



Yonggang Cui (left) and Ralph James with *The Village Times Herald* publisher Leah Dunaief

In November 2009 at a ceremony in Florida, *R&D Magazine* honored both James and Cui, along with their industrial partner, Hybridne Imaging Technologies, Inc., with an R&D 100 Award for their invention. The magazine gives these prestigious awards annually to the top 100 technological achievements of the year.

Joseph Indusi, Chair of BNL's Nonproliferation & National Security Department, said, "Ralph and Yonggang usually work on developing and testing advanced semiconductor-based radiation detectors for national security purposes, but these detectors have numerous other applications — for example, in medical imaging, environmental monitoring, and nuclear and space sciences. ProxiScan™ is just one offshoot of our national security work. We are

proud of the knowledge, insight, and hard work that went into this invention. Ralph and Yonggang certainly deserve recognition for their excellent research."

ProxiScan™ is a "gamma camera" with cadmium zinc telluride (CZT) detectors, which produce much higher resolution images than current nuclear imaging methods. Also, because the ProxiScan™ detectors are quite small, they can be used in a trans-rectal probe, which reduces the distance between the imaging system and the prostate gland. This allows urologists to obtain better images with a smaller amount of tracer to "tag" the tumors, compared to conventional nuclear medical systems.

This project has been a great opportunity to take gamma-ray technology originally... See *Men of the Year* on pg. 2

## 456th Brookhaven Lecture

# Getting More From Less: Correlated Single-Crystal Spectroscopy and X-ray Crystallography at the NSLS

Researchers can use many different tools and techniques to study atomic structure and electronic structure to provide insights into chemistry.

Now, researchers at BNL's National Synchrotron Light Source (NSLS) are using a new beamline that integrates three different techniques to collect complementary data revealing relationships that may lead to new cures for diseases and new fuels to power our cars and homes.

On Wednesday, April 21, join Allen Orville of the Biology Department for the 456th Brookhaven Lecture, titled "Getting More From Less: Correlated Single-Crystal Spectroscopy and X-ray Crystallography at the NSLS." All are invited to attend this free talk, which is open to the public and will be held in Berkner Hall at 4 p.m. Refreshments will be offered before and after the lecture. Visitors to the Lab ages 16 and older must carry a photo ID while on site.

During his talk, Orville will discuss protein crystallography and highlight some of the



field's landmark discoveries. He will then explain how integrating several techniques enables new ways to study chemical reactions and biological processes at NSLS and share a vision for the future at NSLS-II.

Orville earned a bachelor's degree in biology from the University of Minnesota in 1983 and continued to work at the university as a scientist and manager of the liquid helium electron paramagnetic resonance facility before earning a Ph.D. in biochemistry

there in 1997. He then worked as a postdoc with the Howard Hughes Medical Institute at the University of Oregon from 1997 until 2000. From 2000 through 2006, Orville was an assistant professor at the Georgia Institute of Technology. He joined Biology as an associate biophysicist in 2006 and was promoted to biophysicist in 2008.

To join Orville for dinner at an off-site restaurant following the lecture, contact Kathy Folkers, [folkers@bnl.gov](mailto:folkers@bnl.gov), Ext. 3415.

— Joe Gettler



## BWIS Talk & Networking: ‘Women in Physics in the U.S.,’ 4/20

Sponsored by Brookhaven Women in Science, the second Brookhaven Networking meeting will feature Elizabeth H. Simmons, Dean of Lyman Briggs College and a physics professor at Michigan State University (MSU), who will speak on “Women in Physics in the U.S.: Numbers, Causes, and Solutions.” All BNLers are invited to the meeting, which will be held from noon to 1 p.m. on Tuesday, April 20, in the Science Education Center auditorium, Bldg. 438.

While progress in the number of women who pursue careers in physics is evident, Simmons says that the percentage of women physicists remains low. Most of her talk will focus on recent research in social sciences that illuminates the variety of causes and suggests actions that individuals, leaders, and institutions can take to provide solutions.

After completing her undergraduate degree at Harvard University in 1985, Simmons earned an M.Phil. in physics at Cambridge University as a Churchill Scholar. She returned to Harvard for her doctoral degree and postdoctoral fellowship, and then spent a decade as a professor at Boston University before joining the MSU faculty in 2003. A Fellow of the American Physical Society, Simmons won the ACE Michigan Network’s Distinguished Woman in Higher Education Leadership Award in 2005. She was selected as a member of the U.S. delegation to the International Conference on Women in Physics in 2008.

For more information about the event, contact Kathy Walker, Ext. 7105 or [kwalker@bnl.gov](mailto:kwalker@bnl.gov), or Vivian Stojanoff, Ext. 8735, or [stojanof@bnl.gov](mailto:stojanof@bnl.gov). — Diane Greenberg

## Minority Participation in Science Conference at BNL, 4/23-24

On April 23 and 24, Brookhaven Lab will host the New York City Louis Stokes Alliance for Minority Participation in Science’s annual Urban University Conference. The event will include poster sessions, a best-practice symposium, a graduate education/technology expo with exhibitors from academic, industry, and agency settings, and talks by several BNLers. All are invited to attend. For more information, call Noel Blackburn, Ext. 2890.

## In Memoriam

**Frances Hydoski**, who joined the Fiscal Division on October 27, 1952, as an inventory records clerk, and rose to the position of assistant accountant before retiring on August 30, 1984, died on March 10, 2009. She was 88.

**Clinton Coone**, who became a custodian in the Plant Engineering Division on March 14, 1966, and moved to the Supply & Material Division as a warehouseman in 1971, died at 88 on February 20, 2010. He had retired as a storeskeeper on December 22, 1988.

## Defensive Driving In Two Parts, 4/26, 29

The next Defensive Driving (Point & Insurance Reduction) course will be held in two parts, on Monday and Thursday, April 26 and 29, in Berkner Hall Room B, 6-9:15 p.m., at \$38 per person. Preregistration is required. To register, call Ed Sierra, 821-1013, and leave a message. Or take a New York DMV approved course (Use code: “SAVE10” for \$10 discount) online: <http://www.lidrivesafe.com/>.

## TIAA-CREF Counseling

A TIAA-CREF consultant will visit BNL on Tuesday, 4/20; and Wednesday, 4/28. For an appointment, call 1-800-732-8353 or go online at <http://www.tiaa-cref.org/bnl> and select “set up a meeting.”

## Wanted: Sunblock, Baby Powder, Drinks

This April, the Brookhaven Veterans Association’s Adop-taPlatoon team is collecting sunblock, baby powder, and individual packets of powdered drinks to be sent to a platoon in Afghanistan. Drop items in Bldg. 490, the Clinic; Bldg. 400 lobby; Bldg. 488 lobby; Bldg. 510, Physics Library (2nd. floor). Or send checks to: BVA, PO Box 671, Upton, NY 11973-0671. Thank you.

## In Memoriam: James R. Sanford

James Sanford, who was a guest senior physicist at BNL, died at 77 on February 23, 2010.

Born in Zanesville, Ohio, Sanford received his B.A. from Oberlin College in 1955 and became a guest research associate in the Physics Department on May 20, 1956. As a graduate student at the Lab, with his advisor Jack Sandweiss, he designed and constructed the first electrostatic beam separator at BNL, which they used to form the Lab’s first separated beam for bubble chamber research.

After earning his Ph.D. in physics from Yale University in 1961, Sanford joined BNL’s Physics Department as an assistant physicist on June 29, 1962.

Mark Barton, Ronald Rau, Jack Sandweiss, and Lincoln Reed, all friends and colleagues of Sanford, remember his contributions:

*In December 1963, Jim was asked to join the Lab’s Accelerator Department. He was chosen to head the Experimental Planning and Scheduling Division, where he worked directly to design and erect new particle beams for all experiments, for both Lab and external university groups. He aided groups in setting up their detectors. Because of his experience with particle beams learned during his Ph.D. thesis work, he became the*



*perfect person for this complicated job, which required different technical and planning details for each experiment. By July 1, 1967, he was named physicist with tenure.*

*On June 20, 1969, Jim joined Robert Wilson and a few other hearty souls in starting up the National Accelerator Laboratory (NAL, later known as Fermilab) in Illinois. At that time, Jim played the critical role in nurturing the idea and bringing into existence the NAL Users’ Organization. The organization still flourishes very effectively, 43 years later. This act of creation was a typical example of Jim’s skills and insight into inventing practical, workable mechanisms for the high energy physics community in our country to get its business done effectively and efficiently.*

*George Vineyard, Director of BNL, asked Jim to return to BNL as an Associate Director in the Director’s Office to head the design and construction of ISABELLE, a 200 GeV x 200 GeV proton collider. Jim returned on May 10, 1976. He quickly put in place an excellent team to undertake the new construction. Unfortunately, the project foundered on technical difficulties with superconducting magnets and the resulting withdrawal of funding support. Soon thereafter, a successful program was launched by Nicholas Samios, the next BNL Director, to build a*

*heavy ion collider — the present Relativistic Heavy Ion Collider (RHIC). When that project started, it inherited vital components, including all the design and some of the actual construction of the buildings as well as a refrigeration system for the new superconducting magnets, which were the direct results of Jim’s leadership.*

*Following the termination of the ISABELLE project, U.S. high energy physicists began backing a project called the Superconducting Super Collider (SSC), which was planned to collide protons at 20 TeV. Jim, who had rejoined the Accelerator Department as Chair in February 1981, returned to research as a senior physicist in October 1983. In 1984, he joined the main SSC design committee centered at Lawrence Berkeley National Laboratory. In 1989, the design group moved to Texas, where the machine was to be built, and Jim took a leave of absence to join them, then terminated from the Lab on December 31, 1990. After several years of construction, Congress terminated the SSC project in 1994.*

*After returning to Bellport, by June 7, 1994, Jim had accepted a request to rejoin the Lab as a guest senior physicist to consult on the design of buildings for the new light source at BNL, National Synchrotron Light Source II. He also consulted at the National Laboratory at Oak Ridge, Tennessee.*

*Jim enjoyed volunteering in the Bellport community. He helped design and later supervise building the expansion of the South Country Library. He served on the Boards of Trustees of the Library and the Bellport-Brookhaven Historical Society.*

*Jim is survived by his wife of 53 years, Mary, his daughters Susan and Liz, five grandchildren, and his brother, Thomas Sanford. He is missed by all.*

## Arrivals & Departures

— Arrivals —

Brian Heneveld ..... NSLS II  
Samuel Hoblit ..... ES&T  
Mikhail Zaltsman ..... C-AD

— Departures —

Jinzhua Chen ..... Medical  
Janelle Collins..... Medical  
Gregory Flett..... Mod. Proj.  
Christopher Salat..... C-AD  
Feng Yang ..... Biology

## Remembrances

### James Sanford

Professional and personal friends of Jim Sanford will give remembrances on Monday, April 26, at 3 p.m. in the Snyder Seminar Room, Bldg. 911.

### Allen Goland

Friends and colleagues of Allen Goland will meet for arranged and impromptu remembrances at 2 p.m. on Saturday, May 1, in the Snyder Seminar Room, Bldg. 911.

## Wanted: Science Judges For Elementary School Science Fair, 5/1

Saturday, May 1 is your chance to help encourage an interest in science among young students — participate as a judge for the BNL Elementary School Science Fair. Judges are needed from 10:30-1:30 p.m. For more information, stop by in Berkner Hall lobby on Thursday, April 15, 11 a.m. to 1 p.m. or contact Bernadette Uzzi, Ext. 2756 or [buzzi@bnl.gov](mailto:buzzi@bnl.gov).

### Copan from pg. 1

After earning dual B.S./B.A. degrees in chemistry and music from Case Western University, Copan started his career in chemicals and materials research at Lubrizol Corporation in 1975. He went on to earn a Ph.D. in physical chemistry from Case Western in 1982, while on academic leave from Lubrizol. Copan then rejoined the company, subsequently holding management positions in research and development, strategy, new ventures, and business unit leadership in the U.S. and in the international arena, including managing director, technology transfer and licensing, from 1999-2003. In 2003, he joined DOE’s National Renewable Energy Laboratory as principal licensing executive, technology transfer.

In 2005, Copan moved to Clean Diesel Technologies, Inc., where he was executive vice president and chief technology officer, spearheading the company’s transformation from its research focus to a successful commercial enterprise and subsequent listing on NASDAQ.

In 2009, he became managing director at EnergyInsight, a consultancy providing technology commercialization services to the energy and cleantech sectors, and held that position until he came to BNL.

Copan has authored numerous professional publications and presentations, and serves on the boards of directors for several organizations. He is an active member, committee chair, trustee, and officer of the Licensing Executives Society (LES) USA & Canada and LES International. He also served as a member of the National Advisory Council to the U.S. Federal Laboratory Consortium, and he currently contributes to the United Nations and World Intellectual Property Organization programs as an expert on energy and technology transfer issues. Case Western Reserve University named Copan their Distinguished Alumnus of the Year in 2008. His other professional associations include the American Chemical Society, the Association of University Technology Managers, and the National Business Incubation Association. — Diane Greenberg

## Coming Up: NSLS/CFN Users’ Meeting, 5/24-26

Save the dates for the annual Joint National Synchrotron Light Source/Center for Functional Nanomaterials Users’ Meeting, May 24-26. The theme will focus on “Climate Change” and how synchrotron based research and nanoscience will impact understanding and mitigation of potential global effects. William F. Brinkman, Director of the DOE Office of Science, will give the keynote address during the May 25 plenary session, which is open to all, free of charge. More details will follow. For more information, go to: <http://www.nsls.bnl.gov/users/meeting/page.aspx?id=home>.

### Men of the Year from pg. 1

...for national security and apply it toward important societal goals in the area of cancer diagnosis and treatment,” James said.

Cui added, “Our experience in detector development and electronics design has been critical in delivering this high performance system in a very compact package at a competitive cost.”

James earned a Ph.D. in applied physics from the California Institute of Technology in 1980. He held scientific/technical staff positions at two other DOE labs – Oak Ridge National Laboratory and Sandia National Laboratories – before he joined Brookhaven in 2001 as the Associate Laboratory Director for Energy, Environment & National Security. In 2008, he stepped down from that position to again immerse himself in his

research on a full-time basis.

James holds eleven patents, and he has authored or co-authored more than 460 scientific publications. James’s work in the area of advanced radiation detectors won him numerous awards, including five R&D 100 Awards and Discover magazine’s “Innovator of the Year” award in the field of imaging in 1997.

Cui earned a Ph.D. in nuclear electronics from Tsinghua University in Beijing, China, in 2000. After working as a post-doctoral fellow at the University of Houston from 2001 to 2006, he joined Brookhaven Lab as an assistant electrical engineer. He was promoted to associate electrical engineer in 2008.

— Diane Greenberg

For more information on this invention, see [http://www.bnl.gov/bnlweb/pubaf/pr/PR\\_display.asp?prID=991](http://www.bnl.gov/bnlweb/pubaf/pr/PR_display.asp?prID=991).



# CELEBRATE EARTH WEEK

## April 19–25



Celebrate Earth Week with BNL! For each event in which you participate, receive a raffle ticket. You could win a great door prize, including a bicycle! Details of each event can be found at <http://www.bnl.gov/ewms/eday>.

### Environmental Displays, Berkner Hall lobby

Monday to Friday, 4/19 – 23

Check out the beautiful photos of BNL wildlife on display and student art work created by local elementary school students as part of BNL's annual "Your Environment" art contest. For more information, contact Karen Ratel, Ext. 3711.

### Environmental Pledge Tree

Monday to Wednesday, 4/19 – 21, 11:30 a.m. – 1:30 p.m.

Berkner Hall lobby

Thursday & Friday, 4/22 – 23, 11:30 a.m. – 1:30 p.m., Bldg. 400

Come place your pledge on the environmental pledge tree. This year's focus is on sustainability in the workplace, and pledges will incorporate many of the President's new executive orders to reduce carbon footprints by lowering gas emissions and conserving energy. All donations will be forwarded to the Foundation for Ecological Research in the Northeast (FERN), a not-for-profit organization whose mission is to conserve, protect, and enhance habitats in the Northeast through research, education, and dissemination of information. Great giveaways will be available, including t-shirts, hand-cranked flashlights, beech and witch hazel saplings, canvas bags, and more. For more information, contact Jason Remien, Ext. 3477.

### BNL Office Swap

Monday & Tuesday 4/19–20, 11 a.m. – 1:30 p.m. Berkner Hall lobby

Support BNL's new Housekeeping Standard to help ensure a safe, healthy, clean environment for all workers. Clean out your office, conference rooms, and supply closets and get rid of clutter! Bring unwanted supplies that are in good shape to Berkner Hall lobby and swap or just take what you need for free! All supplies not swapped will be recycled. For more information, contact Francine Donnelly, Ext. 3381.



Linda Barrett



Ruth Comas



Augie Hoffmann



Susan Wells

## BERA Board Election Results

Congratulations to the winners of the BERA Board Elections: Linda Barrett, Ruth Comas, Augie Hoffmann, and Susan Wells. They will begin serving a four-year term with current board members Rick Wagener, Phyllis D'Avanzo, Pat Flood, and Helen Savage.

### Play Golf! 4/19

The BERA Golf Association will host an outing at the Pine Hills Country Club in Manorville on Monday, April 19. The outing will cost \$55, which includes greens fees, a golf cart, and \$10 towards prizes. All golfers are welcome. For more information or to sign up for the outing, contact Nick Franco at Ext. 5467 or at [franco@bnl.gov](mailto:franco@bnl.gov). Visit <http://www.bnl.gov/bera/activities/golf/> for details and to pre-register (BNL on-site access only).

### Environmental Vendor Fair

Wednesday, 4/21, 11:30 a.m. – 1:30 p.m., Berkner Hall lobby

Learn about "green products" and conservation. Vendors include Long Island Green Power, Wales-Darby, World Pipe, K Star Solar, Green Logic, Ocean Janitorial, CLIMB, Knight Marketing Corp., Long Island Paddlers, Whole Food Market, Greener Country, Club Vegetable, Sun Nation Solar System, and Three Gals Industrial Supply. For more information, contact Ruth Comas, Ext. 3545.

### "Your Environment" Awards Ceremony

Thursday, 4/22, 4:00 p.m. – 5:00 p.m., Berkner Auditorium

Awards will be presented to local elementary students who participated in BNL's annual student art contest. This year's focus was on environmental sustainability. For more information, contact Karen Ratel, Ext. 3711.

### Hybrid Vehicle Display – BNLers, Bring Your Hybrid

Friday, 4/23, 10 a.m. – 2 p.m. Berkner Parking Lot

Learn how to help reduce air emissions while enjoying increased fuel economy. See what's new in the world of hybrid vehicles. BNLers are also welcome to bring their own hybrid vehicle to display and speak with other coworkers on the benefits of ownership. For more information, contact Jeff Williams, Ext. 5587. Please note that this event may be cancelled in case of bad weather.

### BNL Booth at Indian Point County Park Celebration

Sunday, 4/25, 10 a.m. – 4 p.m.

The Environmental Protection Division will represent the Lab at a booth, which includes a number of popular interactive displays and giveaways. This free event includes exhibits, nature walks, beach grass planting, trail clean-ups, live entertainment and food. Bring your family and friends and show your support for BNL and Earth Day. For more information, contact Jason Remien, Ext. 3477.

### Musicians From Vietnam To Perform, 4/28

Nguyen Thanh Thuy, playing the Dan Tranh, and Ngo Tra My, playing the Dan Bau, are two prize-winning musicians from Vietnam who will give a recital on Wednesday, April 28, at noon in Berkner Hall. In addition to having raised awareness of these traditional Vietnamese instruments through acclaimed performances at home and abroad, both Thuy and My teach classes in Vietnamese musical instruments at the Vietnam National Academy of Music.

Sponsored by the Lab's Asian Pacific American Association and the Diversity Office, the concert is free and open to the public. All visitors to the Lab age 16 and over must bring a photo I.D.

### Brookhaven Advocacy Council Needs Members: Stop by in Berkner, Learn More, Today, 4/16

If you are a good listener who can maintain confidentiality, remain impartial, and base your judgment on fact rather than emotion, consider becoming a Brookhaven Advocacy Council (BAC) member.

BAC members have the opportunity to participate in establishing an atmosphere of trust between BNL management and its employees.

The BAC is a key component of BNL's system of ensuring a respectful, fair and equitable workplace. The members advise and make recommendations to the Lab Director on resolving employee/guest/user concerns or issues that are brought to the BAC's attention. The BAC functions independently of the Human Resources & Occupational Medicine Division, reporting directly to the Lab Director.

Members of the BAC will host a table in Berkner Hall lower lobby today, Friday, April 16, 11 a.m. – 1:30 p.m. To learn more about the BAC or if you are interested in becoming a member, stop by to chat, or visit <http://www.bnl.gov/bac>.

### Take Our Daughters & Sons to Work, 4/22

Registration deadline today, Friday, 4/16

BNL will again welcome Lab children in "Take Our Daughters and Sons to Work Day" on Thursday, April 22. For more information, see the write-up in the April 9 issue of *The Bulletin*.

To register on line, go to the Human Resources Homepage, <http://www.bnl.gov/HR/> and click on "Take our Daughters and Sons to Work Day" in the right column. For those of you who do not have access to a computer, please fill in the registration form on the back of the memo on this topic sent to all employees and guests and return to Leesa Allen, Bldg. 400B, no later than today, April 16.

## CALENDAR

Friday, 4/16

### Research Library Open House

10 a.m.-3 p.m. Research Library (RL) staff welcome all as part of the National Library Week celebration; learn about the new RL website.

### \*Brookhaven Advocacy Council

11 a.m.-1:30 p.m. Berkner Hall lobby. See left, below.

### \*\*Spider\* John Koerner, Guitarist

8 p.m. B'haven Center. See pg. 4.

— WEEK OF 4/19 —

Monday, 4/19

### Start of Earth Week Celebrations

#### \*Environmental Displays 4/19 - 25

All week. Berkner Hall lobby. Photos, child art. See left.

#### \*BNL Office Swap, 4/19 - 20

11 a.m.-1 p.m. Berkner Hall lobby. See left.

#### \*Pledge Tree, 4/19 - 21

11:30 a.m.-1:30 p.m. Berkner Hall lobby. See left.

#### 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.

Tuesday, 4/20

#### BWIS Talk, Women in Physics

Noon-1 p.m. Science Education Center, Bldg. 438. Elizabeth Simmons, Lyman Briggs College and Michigan State University, will talk on women in physics. All are invited. See pg. 2.

Wednesday, 4/21

#### \*Environmental Vendor Fair

11:30 a.m.-1:30 p.m. Berkner Hall lobby. See left.

#### \*456th Brookhaven Lecture

4 p.m. Berkner Hall. Allen Orville, Biology Department, will talk on "Getting More From Less: Correlated Single-Crystal Spectroscopy and X-ray Crystallography at the NSLS." All are welcome to this free lecture. Visitors to the Lab of 16 and older must carry photo I.D. See pg. 1.

Thursday, 4/22

#### \*Environment Awards Ceremony

4-5 p.m. Berkner Hall. See left.

#### Talk on Intellectual Property

6:30 p.m. Association of Students and Postdocs lounge, Bldg. 462. Speakers from BNL's Office of Technology Commercialization and Partnerships include Chief Intellectual Property Counsel Dorene Price and Principal Licensing Specialist Kimberly Elcess. All are welcome. Refreshments.

Friday, 4/23

#### \*Hybrid Vehicle Display

10 a.m. -2 p.m. Berkner parking lot. See above, left.

#### \*BERA Spring Fling

6-11 p.m. Brookhaven Center. See below.

### BERA Spring Fling! 4/23

Enjoy DJ Dancing with your friends at an "After Work Bash" on Friday, April 23. The party starts at 6 p.m. in the Brookhaven Center North Room and will go until 11 p.m. Dance, pick up some food at the Center Club, and try your luck in the 50/50 raffle. Tickets are available for \$5 each at the BERA Store in Berkner Hall. For more information, call Kevin Hester, Ext. 2953, or Charles Gardner, Ext. 5046.

### Fidelity Counseling

A Fidelity representative will be on site on Friday, April 23, and Friday, May 7. Sessions will be for half an hour. For an appointment, call 800-642-7131, weekdays, 8 a.m. – midnight, or go to [www.fidelity.com/atwork/reservations](http://www.fidelity.com/atwork/reservations).



## 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 benefits-eligible employees within the department/division and/or appropriate bargaining unit, with preference for those within the immediate work group; (2) present benefits-eligible 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. Except when operational needs require otherwise, positions will be open for one week after publication. For more information, contact the Employment Manager, Ext. 2882. Access current job openings on the World Wide Web at <http://www.bnl.gov/HR/jobs/>.

To apply for a position, go to [www.bnl.gov](http://www.bnl.gov). Select "Job Opportunities," then "Search Job List."

**OPEN RECRUITMENT – Opportunities for Lab employees and outside candidates.**

**POSTDOCTORAL RESEARCH ASSOCIATE (Synthesis and Analysis of Organic Compounds) - Requires a Ph.D. in organic chemistry, chemical biology, biochemistry or a closely related field, as is a background in the synthesis and analysis of organic compounds. Experience with radioisotopes will be advantageous but not required. Working knowledge of biology is a plus. Good oral and written communication skills required. Will join the PET Radiochemistry Group of the Medical Department. The main focus of our program is to develop radiotracers that can measure and image molecular interactions occurring in biological systems. DEA background check is required. Under the direction of J. Fowler, Medical Department. BNL policy states that Research Associate appointments may be made to those who have received their doctoral degrees within the past five years. Apply to Job ID #15291.**

**ADVANCED APPLICATIONS ENGINEER (I-7) - Requires a BS degree in physics, computer science, or a related field, five-plus years of relevant work experience, and a strong interest in working within a scientific research environment. Will be asked to demonstrate experience in each of the following areas: 1) programming in C++ and java, 2) development of graphical user interfaces, 3) complex web page development, 4) good problem solving and diagnostic skills, and 5) good communication skills, both written and oral. In addition, experience with any of the following technologies will be considered favorably: 1) Linux or UNIX, 2) X Windows programming, 3) data mining, and 4) programming for mobile devices. Will work independently with a team of physicists, engineers, and programmers to develop application software used to control the particle accelerator physics facilities at BNL. Collider-Accelerator Department. Apply to Job ID #15247.**

**ELECTRICAL POWER RESEARCH ENGINEER II/I (P-7/P-9) - Requires a bachelor's degree in electrical engineering or a closely related field and a minimum of seven years of relevant electrical power engineering experience. Requires knowledge of: electric power transmission and distribution engineering; electrical circuit analysis; and IEEE standards. Knowledge or experience with the following is preferred: protective relaying logic and controls; testing of electrical equipment and components; nuclear plant systems, operation, and maintenance practices; and nuclear power plant instrumentation and controls (analog and digital); equipment and systems environmental qualification practices; quality assurance; safety systems risk and reliability analysis; nuclear plant fire protection standards; solar photovoltaic generation and US Nuclear Regulatory Commission (NRC) regulations, requirements, and guidance documentation. Responsibilities will include a wide range of engineering opportunities from testing of electrical components and equipment, inspection of nuclear facilities, and review of the next generation of nuclear plant designs, to advanced research in regional control of transmission systems and the development of renewable energy sources. Excellent technical writing, verbal communication and interpersonal skills are essential to interact with a diverse group of engineers, scientists, and technical staff. Will be placed at the P-7 or P-9 level dependent upon years of experience and depth and breadth of relevant knowledge and skills. Reports to the System Engineering and Safety Analysis Group Leader. Energy Sciences and Technology Department. Apply to Job ID #15290.**

**ASSISTANT CONTRACTS SPECIALIST (A-4, two positions) - Requires a bachelor's degree in a business discipline. Experience in a procurement environment and knowledge of procurement policies and procedures is preferred, as is demonstrated ability to utilize automated procurement systems such as E-Procurement through PeopleSoft, or comparable system. As an entry level professional, will be responsible for planning and coordinating complex subcontracts for services and specialized scientific equipment and systems for a department, project or program. Will provide subcontract expertise and leadership to assigned department, project or program by determin-**

ing and implementing appropriate source selection methods and contract types that meet technical, schedule and budget requirements. Will also be responsible for post-award activity including contract administration, tracking contractor performance; will prepare and present reports on subcontract activities. Procurement & Property Management Division. Apply to Job ID #15293.

**ELECTRONICS TECHNICAL ASSOCIATE II (T-4) - Responsibilities include the ability to build, repair from schematic drawings, and assemble chassis using mechanical fabrication techniques using standard test procedures. Must be self motivated, able to work with a minimum of supervision, and have good communication skills. Requires an AAS degree in electrical engineering technology or equivalent experience, at least six years of experience in the maintenance and troubleshooting of complex electronic, electrical, and mechanical systems, and knowledge and use of standard test and measurement equipment such as function generators, oscilloscopes, multi-meters, and spectrum analyzers. Experience with analog / digital electronics, basic computer knowledge and basic machine shop skills are highly desirable. This position reports directly to the Diagnostics and Instrumentation Group Leader, National Synchrotron Light Source II. ERAP eligible \$1,000. Apply to Job ID #15292.**

**REFRIGERATION & A/C ENGINEER (LG-10, six-&-a-half-month term appointment) - Under minimum supervision constructs, installs, repairs, maintains and operates refrigeration, air conditioning, ventilating and auxiliary and related equipment. Will perform the same work on air compressors and vacuum pumps whether or not associated with the above equipment. Shift workers assigned to Building 600 acknowledge all Laboratory alarms in the control room and make appropriate notifications. The ability to work shifts required. Maintenance and Fabrication Division. Apply to Job ID #15296.**

**TOOL & INSTRUMENT MAKER (Fabrication) (LG-11) - Regularly performs the duties of a Tool and Instrument Maker, working on CNC machine tools, performs bench work to load and edit predetermined programs and correct for machine performance and/or topographical errors. Completes setup of CNC/NC equipment and monitor displays. As required, works with the CAM system programmer on the shop-floor to determine programming alternatives. Must be proficient in manual programming techniques at the G-code level. Maintenance and Fabrication Division. Apply to Job ID #15298.**

### Motor Vehicles

**07 DODGE RAM 1500 – 46K mi. Sport Quad Cab, a/c, c/c, p/l, p/s, a/t, 4wd, rem k'less ent, buckets, \$27,000 neg. 767-4968.**

**04 HONDA ODYSSEY EX – 63K mi. white, mint cond, orig. owner, ask/\$10,500. Ted, Ext. 5645.**

**03 FORD F 250 – Super Duty, 59K mi. chn trck 5.4, pwr wndw&clks, sprayed liner, foldg bed cvr, a/t start, \$14,000 neg. 804-7501.**

**01 MITSUBISHI ECLIPSE GT – red, manual tranny, a/c, p/w, p/s, s/roof, leather seats, side airbag. \$4,200. 791-5480.**

**99 CHEVY ASTRO – 140K mi. cargo van, silver, new tires, r/rack, body great, needs sm mech wrk. \$950 neg. Dominick, Ext. 5030.**

**97 NISSAN MAXIMA GLE – 150K mi. green, beige lther int, new struts & tires in '09, loaded w/options, \$3,500 neg. Ext. 8611.**

**96 BUICK ROADMASTER – 194K mi. 5.7L, LT1, 9 pass wgn, new brkes, gd tires, concert snd, lther int, loaded. \$2,200 neg. 344-4550.**

**94 BUICK PARK AVENUE – 106K mi. very gd cond. Always garaged. New brakes, tires, more. \$2,150 neg. Joseph, 929-0668.**

### Boats & Marine Supplies

**38' CHRIS CRAFT COMMANDER – F/g, 2 vhf rdios, d/finder, radar, cb-hailer, tw. 260 hp merc/cruisers more \$10,500 neg. 375-6608.**

**26' WELLCRAFT NOVA SPYDER – 87', twin 350 merc cruisers, w/tandem trailer, must sell. \$4,500. Bob, 235-9405.**

**17' CANOE – Grumman, alum, v/gd shape, used in fresh water only, 2 paddles, ask/\$550. Paul, Ext. 4666, 924-8143.**

**BOAT ANCHOR – fluke like style 20lbs, galvanized ask/\$25. Bob, 708-6238.**

### Furnishings & Appliances

**AIR CONDITIONER – white-Westinghouse, window, 8000 Btu/hr, perf. mech., torn side curtain, \$50. Ext. 2604, 513-6074.**

**APPLIANCES – kit refrig/\$100/obo, natural gas oven/stove/\$75/obo, both in gd working cond. Don, Ext. 2253, 821-3320.**

**CAPTAIN'S BED – pine, twin, 3 drawer storage, excel cond, new mattress incl, \$80, pics avail. Toni, hoffman1@bnl.gov.**

**CHILD/TEEN BUNK+DESK BED – all wood, desk pull out bed lists/\$1659, ask/\$500, pix avail. Ron, 379-0742.**

**CHILDREN'S FURNITURE – all wood: bunk bed frames/\$10; desk/\$20; 2 IKEA end table/cabinets/\$10/ea, pics. 821-3320.**

**DINING TABLE – 68X42 plus 2/12" leaves, Tital 92" Mediterr. w/formica top \$150. David, Ext. 5460 or kirby@bnl.gov.**

**DISHWASHER – Stainless steel, works, \$50 obo. SS Pool ladder & chemicals, \$50 all. Karl, Ext. 3116.**

**ELECTRIC FIREPLACE, TV – Movg Sale: 50' projctn TV; oak elect f/p w/heat; dinette tble; china buffet, Ext. 7777, 560-9468.**

**ENTERTAINMENT CENTER – Oak, Dim approx 4'w x 5'h x 2', 2 drs, 1 drwr, pics avail \$150. Ext. 4921 or jfranco@bnl.gov.**

**ENTERTAINMENT CENTER – It Oak 3'wx8'hx2'd, 1 drwr & 2 drs below, sev. adjbl shelves, pic, \$175. jfranco@bnl.gov.**

**KITCHEN TABLE – Bermex, Solid Maple 40x60, 8 mtch chrs, w/1 leaf 60x60, glass top, pics, \$1200. f150lady02@yahoo.com.**

**KITCHEN TABLE W SWIVEL CHAIRS – 42" round & 12" leaf, maple top. blk iron pedestal legs, 4 swivel chairs to match, \$125. David, Ext. 5460 or kirby@bnl.gov.**

**MEN'S DRESSER – 6 drawers dim 42"x24"x60", pic avail \$75. Jonathan, Ext. 4921 or jfranco@bnl.gov.**

**TABLE LAMP – \$5; table, brown/\$5, both items in gd cond. 575-650-8794.**

**VANITY – 42' vanity w/onyx finish counter w/sink & faucet. 751-4539.**

**WHIRLPOOL DRYER – gas, 2 yrs old, great cond, pics avail, \$120. Reid, Ext. 7385, 206-375-4087 or smithr@bnl.gov.**

### Audio, Video & Computers

**52 TV – projection screen, 3 yrs old in excel cond, too lg for rm, ask/\$450/neg. Ext. 7216, 445-4027 or minter@bnl.gov.**

**HP PAVILLION LAPTOP – 17" Hi-Rea scrn,1gb ram; DVD-RW; 5in1 crd rdr; more, 1yr old, new/\$1700; ask/\$499. 284-6008.**

**MACINTOSH 6400 COMPUTER – incl AVID Cinema video editg hd/soft/ware, 40 GB HD, mon, KBD, more, \$250/obo. 821-3320.**

**RAM – 2x1GB PC2-3200 DDR2 Registered ECC 240-Pin, new and unused/\$30/ firm for the pair. Ian, blackler@bnl.gov.**

### Sports, Hobbies & Pets

**CONN ACOUSTIC GUITAR – 6-string, excel cond w/case, \$125. Denise, Ext. 5873.**

**DOG CRATE – 2-dr expandable, foldg suitcase style. 42lx28wx31h. Still in shipping box. \$65. Ext. 5711 or shulse@bnl.gov.**

**FISH AQUARIUM – new, cherry wood base, 24" glass tank, cabinet 24x17x12w/ blk. screen lid, \$50/obo. Sue, Ext. 4931.**

**RABBIT/FERRET CAGE – like new, ask/\$50. 399-1125.**

**WETSUIT – youth sz 12, barely worn. Pd/ \$100, ask/\$55. Ext. 7235 or fitz@bnl.gov.**

**WET SUIT – Woman's size 12, 7mm wet suit, gd cond, ask/\$60. Linda, 399-1125.**

### Tools, House & Garden

**BLOW TORCH – antique; & new, brass f/p log holder; both gd. cond. make offer. Kathleen, Ext. 7114.**

**FIRE WOOD FOR SALE – cut down 2 lg oak trees and have excessive amounts of wood, TAKE ALL/\$200 or buy some for a reasonable price, sizes vary, u-pick-up. Nicole, Ext. 2238 or jenkins@bnl.gov.**

**POWER TOOLS – Craftsman, 1960s, gd cond, 10" radial arm saw w/tble, 10" tbl saw w/36" tble on stand, make offer. Ext. 7114.**

**RADIAL ARM SAW – Craftsman Professional 10", \$300. Richard, 384-4946.**

**WAGNER POWER PAINTER – Paint Crew type sprayer. Used once. \$50. Ext. 3514.**

### Free

**POOL SUPPLIES – Various parts for abve grnd pool – cover, skimmer, ladder, other miscellaneous parts. Ext. 3884.**

**STATIONARY ANDERSEN WINDOW – approx sz 5'h x 6'w, internal grilles, never installed, stickers still on, u pic up. 834-6956.**

**THERAPY UNIT – cold water therapy unit used for knee replacement. 399-1125.**

**TURTLE – Moving, must find good new home for a turtle. Anne, aschroed@bnl.gov.**

### Miscellaneous

**FREON-22 – 30lb can, new, in the box, \$125. Stephen, Ext. 4211, 286-3681.**

**HEATED/MASSAGE SEAT CUSHIONS – for car/ home, barely used, various controls, Homedix brand, \$10/ea. Ext. 7114.**

**MINK COAT – full length, size M/8-10, excel cond, ask/\$450. Linda, Ext. 7187, 516-607-3549 or niksa@bnl.gov.**

**PORTABLE GARAGE – 14'wx14'hx26'L hse, style heavy industrial grade, 10 oz canvas, pd/\$2500, ask \$1750. 655-4924.**

**SWIMMING POOL – 21'round x 4.5'd, excel cond, u-take down, incl all supplies, \$750. Ext. 5169.**

**TICKETS – Leo Kottke, May 20 8PM, Boulton Center Bayshore, <http://tinyurl.com/ykoz6c6>, 2 tickets/\$80. Paul, Ext. 7577.**

**VICTORIAN DOLL CARRIAGE – FAO Schwarz, w/eyelet lace lining, blanket,pillow, 27Lx21wx26h, mint, pic, \$35. 395-6784.**

### Car Pool

**PLAINVIEW – established 3-person car pool meeting in Plainview looking for 4th person, 8-4:30. Ron, Ext. 6068.**

### Community Involvement

**WORLD TAI CHI & QIGONG DAY – Sat, April 24th 9am-noon, Shore Front Park, Patchogue, NY, more info, Laoshi@WaterTigerTaiChi.com. Mark, 344-4180 or mwilliams@bnl.gov.**

## 'Spider' John Koerner Plays Tonight, 4/16

Legendary folk musician "Spider" John Koerner will perform on Friday, April 16, at 8 p.m. at the Brookhaven Center. Sponsored by the BNL Music Club, the concert is open to the public. All visitors to the Lab 16 and older must bring a photo I.D.

Koerner began playing folk music in 1958 with a borrowed a guitar and a Burl Ives songbook. Over the past 50 years, he has performed as a solo artist, and, with a variety of legendary partners, including Bob Dylan. Koerner has been credited with shaping the path of American country blues and folk music.

Carrying a wide array of songs in his portfolio, Koerner began recording music in the 1960s. In 2001, his recording, "A Nod to Bob" was released in tribute to Dylan for his 60th birthday. In 2008, the *Boston Globe* acknowledged Koerner with a review that described him as "defying his years with a ramshackle demeanor (all gangly arms and legs and tucked-in flannel shirt) and the true essence of hootenanny — spirited, communal, and completely off the cuff."

### Guitar and Harmonica Workshop, Saturday, 4/17

In addition, on Saturday, April 17, at noon, at the Lab, Koerner will offer a 12-string guitar and harmonica workshop. The cost is \$35 person and is limited to ten participants. Tickets for the concert are \$15 in advance and \$20 at the door of the show. Buy tickets at the BERA Store or at <http://www.ticketweb.com>. — Jane Koropsak



### Happenings

**CHINESE AUCTION/CRAFT FAIR – Sat, 4/17, Riverhead HS to support NJROTC. 35 vendors, 150+ baskets, gift certs, 50/50 raffle, refreshments. Noon drill demo, 9am-3pm. [peragine@bnl.gov](mailto:peragine@bnl.gov).**

**DINNER/SHOW OUTING – Sat, Oct 16, see "Joseph," Sight & Sound Theatre, PA, dinner @ Good n Plenty, \$115pp. Discnts for teen/child. \$60 deposit due by May 7. Call for details. Kim, Ext. 7465, 399-3098.**

**GREASE WITH A TWIST! – last wkend to see custodian Glenn in this play, John Drew Theater @ Guild Hall, EHampton, 4/16,17 @ 8 pm, 4/18 @ 2pm, Theatermania.com. [abramowi@bnl.gov](mailto:abramowi@bnl.gov).**

### Yard & Garage Sales

**SHOREHAM – Sat, Sun 4/17-18, 9-3, rain /shine, furn, appli, antiques, home gds, 49 Northumberland Dr, Ext. 2253, 821-3320.**

### Wanted

**AMATEUR RADIO HF EQUIPMENT – will pay fair price for HF transceivers and other HAM equipment. Gary, Ext. 7779.**

**BED – full or queen, must be almost new w/very little use w/frame. 375-2680.**

**FENCE INSTALL – need person to replace & install 6 new sectns Cedar Stockade Fencing & posts. Judy, Ext. 5263, 375-7959.**

**HOME BAR – looking for home bar w/or w/o barstools, Victorian style preferred. Sue, Ext. 4931.**

**LAWN MAINTENANCE – need person to cut grass wkly in summer and rake leaves in fall. Judy, Ext. 5263, 375-7959.**

**SOFTBALL PLAYERS – Summer is approaching, so jump into the pool – the Softball Players Pool! A family friendly, fun environment, <http://tinyurl.com/bera-softball> for more info. [wilinski@bnl.gov](mailto:wilinski@bnl.gov).**

**TRAILER FOR KAYAKS – need sm trailer to pull 1-2 kayaks to connect to auto trailer hitch. Sue, Ext. 4931, [signorel@bnl.gov](mailto:signorel@bnl.gov).**

### For Rent

**HUNTINGTON STA. – 4 bdrm. Duplx: l/r + fpl., d/r, eik, 2 flt bth. 2 flrs, flt bsmt., 2 car gar. Pets OK. Refs, credit chck. Heat incl., plus utilities. 2 mo sec. \$2,500/mo. 258-5089.**

**MANORVILLE – 1 bdrm, l/k combo, full bath, pvt ent, v/quiet, 9 mi from Lab, util incl, single only, no smkg/pets, please. \$800/mo. Ext. 3849, 591-1315.**

**MASTIC – new apt, 1 bdrm, kit, l/r combo, full bath, priv ent, quiet, own thermo, util incl, nr LIRR, nr. shop. no smkg/pets, 7 min to Lab, 1 mo sec. \$750/mo neg. 335-4907.**

**MASTIC – 1 bdrm, eik, full bath, den, own ent/drway, 1 mon sec, no smkg/pets, 10 min to Lab, all incl. \$850/mo. joe mondi, Ext. 3499, 219-7241.**

**MILLER PLACE – share lg furn Colonial hse in prof. residential area, 8 mi to BNL, full kit, own bdrm, cac/int/TV, incl all, responsible non smkr. \$675/mo. 744-8386.**

**NORTH PATCHOGUE – rm(s) in elegant house w/sec alarm and parking, pvt/ent, finish, incl util, shared kit/bath. \$675/mo neg. Cisley P Stewart, 289-1040.**

**RIDGE – 1 bdrm, walk-in closet, full bath, lr, kitchenette. Priv ent. No smkg/pets. Refs needed. \$950 all. 5 mins to Lab. 1 mo. sec. Avail. 5/1. \$950/mo. 924-0027.**

**ROCKY POINT – 1 bdrm upper unit, kit, bath, l/r, balcy, quiet co-op comm, nr stores, Indry rm on prem, prkg, no smkg/pets, cac, incl gas/water. \$1,150/mo. 806-5965.**

**ROCKY POINT – 1 bdrm, 2nd flr, priv. drwy, incl some util, no smkg/pets. \$795/mo. 821-3287.**

**SHOREHAM – 1 lg bdrm apt w/office area, nr. beach, kit/lr combo, lg closets, pvt ent, drway prkg, incl cac/heat/elect/cable/int, mins to Lab. \$950/mo. Ext. 2025, 849-6121.**

**SHOREHAM – 1 bdrm, brand new, garden apt, grnd flr, indep ent/drwy, full bath, kit, l/r, cac, no smkg/pets, few mi to BNL, 1 mo sec, all util incl. \$1,100/mo. 566-8261.**

**SOUND BEACH – grnd lvl studio in legal 2 fam. hse, full kit, bath w/tub, sep ent/thermo, new carp/paint, no smkg/pets, suit 1 pers., drway prkg, \$800/mo. 516-650-3852.**

**YAPHANK – 1 bdrm, fully furn v/comfortable/quiet, computer, magic motion bed, tv, a/c, w/w carpet, new m/wave & fridge, im-mac, mins to Lab. \$900/mo. 924-3929.**

**ORLANDO, FL – Orlando/Disney Marriott Timeshare, 15 min to Disney, sleeps 6-8, most wks avail, other destinations also. \$800/wk. Ext. 2947 or [hanson@bnl.gov](mailto:hanson@bnl.gov).**

**NEW BERN, NC – Vacation Week; 7/18-25/10, Timeshare, relax at Waterwood Townhouses on Lake, 2 bdms, sleeps 8, full kit, w/d. \$500/wk. Linda, Ext. 3750.**

### For Sale

**FARMINGVILLE – furn bdrm in lg house, share bath, kit, l/r, d/r, incl cable, wifi, phone, elec. \$450. 513-8275.**

**FLANDERS, PECONIC BAY – w/front, dp-water dock, bulk headg, dded beach rts, cath. ceilg, 3bdrm, 2ba. Jacuzzi, htg & a/c, nat gas, deck, gar, \$499,000 neg. Ext. 3078.**

**MIDDLE ISLAND – brick cape, 4 bdrm, 2 new bath, l/r w/f/p, oak flrs, eik, d/r, full bsmt, new roof, windows, elect, deck w/ ramp, quiet, .5 acre, \$270,000. 516-448-3793.**

**SHOREHAM – North of 25A, L-ranch, 5 bdrm/3 bths, frpl, eik, wood flrs, fin bsmt w/2 bdrm, 1 bath apt, full windows, igp, priv beach. \$389,000. 518-506-3146.**

### Farewell Gathering

The family of Jane Setlow invites friends to a remembrance of Jane K. Setlow, who died March 4, 2010. The event will be 2-5 p.m., Sunday, April 25, at Sea Basin Restaurant, Rocky Point, with appetizers 2-4 p.m., an open bar (Jane would have liked that!), and a sit-down dinner, 4 p.m. For a map, see: <http://newsite.seabasin.com/index.php>. Come for part or all of the afternoon. Please let us know if you will attend, especially for dinner – contact Kate O'Brien, [obrienstrings@optonline.net](mailto:obrienstrings@optonline.net), 203-799-3892; or Charlie Setlow, [cbsetlow@gmail.com](mailto:cbsetlow@gmail.com), 631-513-8272. Or, send your favorite memories of Jane by email to be displayed at the event.

For a list of services provided by BNL employees see <http://intranet.bnl.gov/ads/displayAdsAll.asp> or call Ext. 2346.