

## Five BNL Employees Honored With 2005 Brookhaven Award



Roger Stoutenburgh 00280105

With Lab Director Praveen Chaudhari (center, back) are the 2005 Brookhaven Awardees: (back, from left) Timothy Green, Bonnie Miller; (front, from left) John Searing, Patrick T. Sullivan, and Beth Blevins.

The Brookhaven Award, which this year was raised from \$2,000 to \$5,000, recognizes key contributors in support functions whose performance and achievements represent outstanding service to BNL, especially in areas such as environment, safety, affirmative action, training, community involvement, and quality. Nominations are made by organization heads, reviewed by a selection committee of five Lab managers, and approved by the Lab Director. Criteria include: the exceptional nature and difficulty level of the contributions, their benefit to BNL, and the length of time over which contributions were made.

This year, five BNLers won the award: Beth Blevins, Environmental & Waste Management Services (EWMS) Division; Timothy Green, EWMS; Bonnie Miller, Human Resources & Occupational Medicine Division; John Searing, Emergency Services Division; and Patrick T. Sullivan, Radiological Control Division. Their contributions are featured on page 2.

## On-Site DOE Building Earns EPA 'ENERGY STAR'



Roger Stoutenburgh 00280205

In front of DOE's ENERGY STAR-labeled building, BNL's Deputy Director for Operations Mike Bebon (right) congratulates Michael Holland, DOE's Brookhaven Area Office Manager.

The U.S. Department of Energy (DOE) Brookhaven Area Office — an 11,644-square-foot building located on site — has earned an ENERGY STAR label from the U.S. Environmental Protection Agency (EPA). This label distinguishes the building as one of the top 25 percent in the nation in terms of energy performance.

In 1992, EPA introduced ENERGY STAR as a voluntary program designed to identify and promote energy-efficient products that help reduce greenhouse gas emissions. In 1996, EPA partnered with DOE for particular product categories. Currently, the ENERGY STAR label can be found on such items as major appliances, office equipment, lighting, home elec-

tronics, and on new homes and commercial and industrial buildings. The program saves businesses, organizations, and consumers more than \$8 billion per year.

Made of concrete block with a flat wood deck roof, the DOE-Brookhaven Area Office was built in 1945 as part of the U.S. Army's Camp Upton and expanded in 1993. The heating, ventilation and air-conditioning in the building are electrically powered. Over the years, several energy-conservation measures have been implemented to reduce energy use and control costs. These include setting back temperature controls to save energy during unoccupied hours and installing fluorescent lighting — including some

lamps retrofitted with 34-watt super-saver bulbs — throughout the building. Energy performance demonstrates that the building exceeds ENERGY STAR compliance guidelines.

Another requirement for the ENERGY STAR label is indoor air quality. The air in the DOE

## Research Support Building Groundbreaking, 3/10



Employees, retirees and guests are invited to a groundbreaking ceremony for the construction of a 65,000-square-foot Research Support Building on Thursday, March 10, at 11 a.m. in Berkner Hall.

To be located on the south side of Brookhaven Avenue next to Bldg. 438, the new Research Support Building will consolidate frequently visited administrative and support functions in a single location to provide more efficient administrative services

to BNL and visiting scientists. About 150 employees will be relocated to the new building. Currently, many of these employees work in structures built in the World War II era when BNL was the site of the U.S. Army's Camp Upton. The Research Support Building is expected to be completed in the fall of 2006.

For more information, contact Project Manager Gregory Flett, Plant Engineering, Ext. 3263, or flett@bnl.gov.

## Nature Leads Way To Better Catalysts

*Iron-sulfur nanosystem isolated from bacterium is predicted to be more reactive than catalysts in use*

Those seeking to design more efficient catalysts for the production of hydrogen and the control of air pollutants might do well to take a closer look at how chemistry works in nature, say José Rodríguez and Isabel Abreu of the Chemistry Department. Funded by the Office of Basic Energy Sciences within DOE's Office of Science, their theoretical investigations of a bacterial enzyme reveal a catalytic complex with higher predicted chemical reactivity than that of industrial catalysts currently in use. The results of the team's theoretical analysis appeared in the *Journal of Physical Chemistry B*, Vol. 109, pages 2754-2762 (2005).

"We wanted to establish how the biological system works, and then compare it with materials currently used in industry for these chemical processes — and we found that the biological system is indeed better," said Rodríguez, lead author of the paper. "The challenge now is whether we can reproduce this more efficient system for use in an industrial setting."

Added Abreu, the paper's second author, "We are learning from nature what is working in nature, and then trying to use that for the design of other processes."

The complex described is a particular configuration of iron and sulfur atoms and the surrounding amino acids in an enzyme isolated from *Desulfovibrio desulfuricans*, a bacterium that can live in sulfur-rich environments without oxygen. The specific chemical function of the iron-sulfur complex in this bacterial enzyme is not yet known, but similar complexes of iron and sulfur play an important role in many enzymes, catalysts, and sensors.



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Behind José Rodríguez and Isabel Abreu, Chemistry Department, is screened a computer model of the active catalytic site under study.

"Our calculations predict that this particular unit should be four to five times more reactive than the catalysts currently used, which is very significant," Rodríguez said. "With this structure, the key is that you have an open side of the molecule to bind things and do chemistry because it is missing one cysteine neighbor — you can make it react with other things."

The next challenge will be to see if the scientists can use the enzyme or synthesize a mimic of its cysteine-iron-sulfur center — an engineering project on the nanoscale (i.e., measured in billionths of a meter).

"Even if we can't use this exact enzyme, then maybe we could create other molecules or particles with this type of structure using synthetic methods," Abreu said.

This type of work — synthesizing, studying, and fine-tuning the properties of nanoscale catalytic systems — will be a major research focus at BNL's Center for Functional Nanomaterials, one of five nanoscience research centers being constructed and funded by DOE's Office of Science.

— Karen McNulty Walsh  
For more details, see [www.bnl.gov/bnlweb/pubaf/pr/PR\\_display.asp?prID=05-09](http://www.bnl.gov/bnlweb/pubaf/pr/PR_display.asp?prID=05-09).

building is considered clean because there are no facilities capable of producing either noxious fumes and no other air contaminants nearby, and the BNL site-wide policy of no smoking in any building is in effect.

— Diane Greenberg

## Coming Up, 3/16

At 4 p.m. on Wednesday, March 16, in Berkner Hall, Ben Burr, Biology Department, will give the 402nd Brookhaven Lecture, "Genetic Engineering: What's the Fuss?" All are welcome.



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 Recreation Bldg. and at the laundry, both 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](http://www.bnl.gov/esol/schedule.html) for schedule. Jen Lynch, Ext. 4894.

Mondays: BNL Gospel Choir

5:15-7 p.m. Berkner Hall. All faiths are welcome. [www.bnl.gov/bera/activities/choir/](http://www.bnl.gov/bera/activities/choir/).

Mondays & Wednesdays: Pilates

Mon., Noon-1 p.m. in the Rec. Hall; Wed., 5:30-6:30 p.m. in the Rec. Hall. Christine Carter, Ext. 5090.

Mon., Tues., & Thurs.: Kickboxing

\$5 per class. Mon., noon-1 p.m. in the gym; Tues., 5:15-6:15 p.m. in the gym; Thurs., noon-1 p.m. in the gym; Thurs., 5:15-6:15 p.m. in Brookhaven Ctr. North Room. Registration is required. Christine Carter, Ext. 5090.

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

Noon-1 p.m., Brookhaven Center North Room. Adam Rusek, Ext. 5830 or [rusek@bnl.gov](mailto:rusek@bnl.gov).

Tuesdays: Welcome Coffee

10-11:30 a.m., Rec. Hall. First Tuesday of every month is special for Lab newcomers and leaving guests. Cindy Ottemann, 849-2646.

Tuesdays: BNL Music Club

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

Tuesdays: Jiu Jitsu Club

6:30-7:30 p.m. in the gym. All levels, ages 6 and above. \$10 per class. Tom, Ext. 4556.

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](http://www.bnl.gov/bera/activities/toastmasters/default.htm).

Tuesdays & Thursdays: Aerobics

5:15-6:30 p.m., \$5 per class or \$40 for ten classes. Rec. Hall. Pat Flood, Ext 7886.

Tuesdays & Thursdays: Aqua Aerobics

5:15-6:15 p.m. Eight-week session. \$20 to attend once a week; \$40 to attend twice a week. Ext. 2873 for more information.

Tuesdays & Thursdays: Jazzercise

Noon-1 p.m., Rec. Hall. Preregistration is required. Christine Carter, Ext. 5090.

Tues., Thurs., Fri.: Upton Nursery School

8:30-11:30 a.m. Rec. Hall. Two- and three-day program avail. 727-8082 or Ext. 5090, for information.

Tues., Wed. & Thurs: Rec Hall Activities

5:30-9:30 p.m. General activities, large-screen TV, ping pong, chess, games, and socializing. Christine Carter, Ext. 5090.

Wednesdays: On-Site Play Group

10 a.m.-noon. Rec. Hall. An infant/toddler drop-in event. Parents meet while children play. Kati Petreczky, 821-4131.

Wednesdays: Weight Watchers

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

Wednesdays: Yoga

Noon-1 p.m., Brookhaven Center. Free. Ila Campbell, Ext. 2206, [ila@bnl.gov](mailto:ila@bnl.gov).

Wednesdays: Open Chess Night

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

Wednesdays: Dance Lessons

5:15-8 p.m. Brookhaven Cntr., North Room. BNL Ballroom Dance Club hosts lessons, beginner to adv. John Millener, Ext. 3853.

Thursdays: Reiki Healing Class

Noon-1 p.m., Bldg. 211 Conference Rm. Nicole Bernholz, Ext. 2027.

\*Thursdays: FreshDirect Delivery

3:30-5:30 p.m., Berkner Hall parking lot.

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 Alford, Ext. 4733, [rudy@bnl.gov](mailto:rudy@bnl.gov).

— THIS WEEKEND —

Thursday, 3/4

\*Foot Screening by Appointment.

9-11:50 a.m. Occ. Medical Clinic, Bldg. 490. Podiatrists Ben Dimichino and Brian Fanno. Schedule appointments with Michael Thorn, Ext. 8612 or [mthorn@bnl.gov](mailto:mthorn@bnl.gov).

Saturday, 3/5

Bus Trip to Cradle of Aviation Museum

9 a.m.-5 p.m. \$15/adult, \$13/seniors and children. BERA coach to museum in Garden City. Trip fully booked.

In Memoriam, Paul Akins

Paul Akins, Senior Group Leader in the Plant Engineering (PE) Division's Electrical Shop, died at age 59 on February 12, 2005.

Akins joined the Lab on March 30, 1972, as an A-Electrician for PE. During the 70s, he worked out of the Electrical Shop on service and installation assignments throughout the site. He was then assigned to the Alternating Gradient Synchrotron Department to work with other PE electricians on experimental projects. Promoted to Group Leader in 1987, he returned to the Electrical Shop and worked with supervisors to plan and set up assignments for the group. From the start of the Relativistic Heavy Ion Collider (RHIC) Project, he was at the project supporting electrical needs, returning to the Electrical Shop as Senior Group Leader when RHIC was up and running.

John Read, PE's Electrical Supervisor, said, "Paul worked at BNL for 33 years, and we all knew we could depend on him. He will be sorely missed, not only by his fellow electricians but also by his many friends throughout the Laboratory."



In addition to his regular work in PE, Akins was Group Steward for the Electrical Shop and Treasurer for Local 2230 of the International Brotherhood of Electrical Workers (IBEW). Said Joseph Buscemi, IBEW President, "Paul was a dedicated member who contributed greatly to the Union. In addition to being a Group Steward and the Treasurer, he was active on many committees throughout the Lab. We will miss him."

Another example of Akins' commitment is his volunteer work through the Parents of Patchogue Students — POPS — organization, which he founded in 2002. At the Lab's November 2004 Volunteer Expo, Akins was one of the 20 or so BNlers who showcased a service agency or community group for which they volunteered their free time. Led by Akins, POP sponsored events such as spaghetti dinners and raffles to help fundraise for, among other things, a 9/11 memorial sculpture for South Ocean Middle School, where his son was a student.

Paul Akins, a resident of Patchogue, is survived by his wife Louise; his son Timothy; and four sisters and a brother and their 16 children.

— Liz Seubert

Five BNL Employees Honored With 2005 Brookhaven Award

(cont'd.)

Beth Blevins



Beth Blevins, a staff specialist who has served BNL for more than 25 years, in the Research Library, the Director's Office, and now as Division Assistant in the Environmental & Waste Management Services Division, is cited for her dedication to the Lab and devotion to the community. Her volunteerism is recognized as making her an exemplary ambassador from BNL to the outside world. Blevin's contributions include working for the Lab's United Way campaigns, for example, chairing the 2000 drive that raised \$132,000, and coordinating the Lab's site-wide Volunteer Program whereby BSA matches employees' volunteer work hours for many different service agencies with up to 1,000 hours from BNL work and in addition contributes \$10,000 to the fund annually. Blevins also contributes her own time and gets others involved in cooking for the homeless. She supports BNL's blood drives, is involved in divisional charitable drives, and is a charter member of BNL's Volunteers in Partnership committee.

Timothy Green



Timothy Green, a project engineer I in the Environmental & Waste Management Services Division, came to BNL in 1999 to implement the natural resource management program. Under his leadership, the program has grown significantly and has been praised as a model by BNL staff, regulatory agencies, and community members. In 2004, the Environmental Protection Agency honored

Green with the Environmental Quality Award. BNL cites him for his exemplary management in involving stakeholders in decision-making; giving students opportunities to conduct research at BNL; and creating a natural resource management program that supports the research needs and future plans of BNL, while addressing and often furthering goals of interested stakeholders. Through his program, which has often been featured in *Newsday's* "Our Natural World" series, BNL staff and the community are more aware of the abundance of natural resources on site and the priority placed by Lab management on managing and preserving them.

Bonnie Miller



Bonnie Miller of the Human Resources & Occupational Medicine Division (HROM) has served 25 years-plus in Employee & Guest Records, first, in a clerical capacity, then, after 1990, as supervisor. Miller is recognized for her insistence on total accuracy, ensuring the smooth running of all uses of employees' records, and for her leadership during the changeover of BNL's manual information systems to a

computerized record-keeping system. She helped oversee the three major system overhauls in the past 12 years, while assisting in keeping the Lab in conformance with all federal, state, and local record-keeping requirements. She also helped lead the effort to have BNL's guest information system (GIS) in compliance with DOE's Foreign Visits & Assignments order. Cited as personifying HROM's ideal of model customer service, Miller is known for helpfulness to all: a foreign visitor dealing with "red tape," an employee needing employment verification for a mortgage, or a co-worker learning the GIS or PeopleSoft.

John Searing



John Searing, a project engineer I in the Emergency Services Division, is cited for performance and achievements representing 11 years of outstanding service to BNL. One of his earliest contributions was his work on formulating initial programs for what are now essential programs at BNL: the Occurrence Reporting System and the Project, Planning, Programming, and Budgeting Process. Later, as a Special Assistant in the Finance & Administration Directorate, he assisted with Lab-wide financial planning and program management. In 1997, Searing became a key player in the BSA transition team and was charged with establishing a new concept: the Standards Based Management System. Most recently, within the Emergency Services Division, he has upgraded emergency response and preparedness and improved community relations with outside emergency responders. Also, under his leadership, the Fire Rescue Group improved its safety performance and conducted one of BNL's largest recycling efforts of ozone-depleting chemicals.

Patrick T. Sullivan



Patrick T. Sullivan, a project engineer I in the Radiological Control Division, has worked at BNL since 1991. Sullivan is recognized for outstanding commitment to BNL's environmental, health and safety, and quality programs within the BNL Radioisotope Production Program, the Medical Department, the Energy, Environment & National Security Directorate, and the Environmental &

Waste Management Services Division. Sullivan is cited for distinguished contributions such as authoring operating procedures, technical basis documents and journal publications for projects including the coordination of the on-site transfer and off-site disposal of a 24,000-curie cobalt-60 sources from the Bldg. 830 gamma pool, and initiating radiological characterization and disposal of contaminated equipment so that new equipment for the positron emission tomography program could be installed. Sullivan is also recognized for volunteer work: he is a member of BNL's Radiological Assistance Program, and helps local high-school students get Regents' credit in the "Radiation and You" class and the radiological counting lab program that he developed.

— Liz Seubert

Brookhaven Retired Employees Association (BREA) News  
Talk on Retirement Investment Strategies, 4/8

BNL retiree Frank Federman, a Brookhaven Retired Employees Association (BREA) member and a registered financial advisor, will speak on "Investment Strategies During Retirement" at Berkner Hall on Friday, April 8, at 11 a.m. All are welcome to attend.

Federman notes that "Retirement for many people marks the end of a journey; I will discuss the financial journey beyond the point of retirement. This discussion will focus on the retiree's new goals and the choices available to enable their realization."

One-on-One Retirement Counseling

A TIAA-CREF consultant will visit BNL on Tuesday, March 8; Wednesday, March 9; Tuesday, March 22; and Tuesday, March 29, to answer employees' questions about your financial matters. The consultant will help you:

- Understand the importance of protecting your assets against inflation
  - Find the right allocation mix for you
  - Learn about TIAA-CREF retirement income flexibility
  - Compare lifetime income vs. cash withdrawal options.
- For an appointment, call Kathy Murphy, (866) 842-2053, Ext. 4625. (Note: not the on-site Ext. 4625.)



# BNLers Help Promote Community Interest in Science

March lecture series at LI ScienCenter starts tonight, 3/4

Two BNL “Peters” — Peter Wanderer of the Superconducting Magnet Division and Peter Takacs of the Instrumentation Division — are not only passionate about doing their own science but also about spreading the fascination of science to others in the community. That’s how they came to join a group of people who formed a board and set up the Long Island ScienCenter, a new science museum in Riverhead. “It’s been a busy time,” says Wanderer. “We are still working on the museum and getting more exhibits.”

Through the BNL Science Museum, some key current exhibits have been lent to the ScienCenter by the Lab, for example, the Videosphere. “The BNL Science Museum staff and directors, first Janet Tempel, then Dolores O’Connor, and now, Gail Donoghue, have been very helpful,” Wanderer says. Another BNLer, retiree Marty Woodle, now a National Synchrotron Light Source Depart-

Three BNLers who volunteer time with the Long Island ScienCenter are (from left) Peter Takacs, Marty Woodle, and Peter Wanderer, who are examining model bridges used for demonstration during a recent bridge-building program at the ScienCenter. The bridges are loaned by BNL’s Office of Educational Programs (OEP), examples of previous years’ bridges made for BNL’s annual high-school model bridge-building contest. Woodle, a founder technical advisor in the organization of the contest, will be helping OEP in this year’s event to be held on March 12.



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ment guest scientist, is a keen ScienCenter supporter. Woodle most recently volunteered his help with a bridge-building program held in late February. “This March, the ScienCenter is presenting an adult lecture series open to the public, with three interesting talks,” says Takacs. “I believe people at BNL would enjoy them.”

### Three LI ScienCenter Lectures, March 4, 11, and 18

- March 4: “Wine: Science or Magic,” Louisa Thomas Hargrave, founder of the first winery on Long Island.
  - March 11: “The History and Destiny of Fisheries near Long Island and in the World,” Carl Safina, President, Blue Ocean Institute, Cold Spring Harbor.
  - March 18: “The Adventure of Wildlife Photography,” George Loweth, professional photographer.
- These free lectures will be given at the Long Island ScienCenter, 11 West Main Street, Riverhead, at 7:30 p.m. Space is limited. To reserve, call 208-8000.*

## In Memoriam

Richard Wiswall Jr., who had joined the Breeders Studies Group as a chemist on March 14, 1949, died at age 88 on October 9, 2004. He had received tenure on July 1, 1953, and had been a member of the then Departments of Nuclear Energy and Energy & Environment before his retirement on October 31, 1979.

Charles Boulín, who had joined BNL on May 19, 1947, as a technician A in what was to become the Instrumentation Division, died on November 16, 2004, at age 86. He had left the Lab for two years, 1953-55, but had returned to Instrumentation, retiring as a technical associate II on June 13, 1980.

James Egan, who had joined the Department of Nuclear Energy on September 17, 1953, as an associate physical chemist and had been granted tenure on July 1, 1962, died at age 77 on November 12, 2004. He had retired from the then Department of Applied Science as a senior chemist on November 30, 1991.

Enrique Jimenez, who had become a machinist in the Central Shops Division on June 24, 1963, and had retired as Deputy Manager of Central Shops on October 13, 1989, returning as a consultant for a month in 1991, died at the age of 76 on December 23, 2004.

John Schuller, who had joined the Plant Engineering Division as a heavy equipment mechanical operator on July 11, 1977, and had been promoted to group leader in 1981, died on January 1, 2005, at the age of 72. He had retired from BNL on May 21, 1992.

Marie Grahn, who had joined BNL’s then Department of Applied Science on February 15, 1977, as a secretary III, and had moved to the Physics Department later that year, died at age 68 on January 28, 2005. She had retired as a senior administrative secretary on July 31, 1998.

## Social Security Benefit Summaries Inquiries Regarding 2003 Wages

During the past few weeks, several Lab employees who had received summary of future benefits information from the Social Security Administration (SSA), noted that their 2003 social security wages on that statement showed “0” dollar value. Cheryl Burke, BNL’s Manager of Payroll and Labor Cost Distribution, has contacted the SSA, and they stated that, while BNL’s 2003 electronic file was edited and accepted by them last year, it apparently had not uploaded properly into their system. SSA have requested that BNL resend its 2003 file, which is in the process of being done. The SSA has indicated that they would need a few months to update their files. Mark Israel, BNL’s Fiscal Officer, suggests that employees who wish to receive a corrected future benefits summary should call the SSA office after approximately 90 days to request the report. Meanwhile, if you have any questions regarding this matter, call Cheryl Burke, Ext. 2487.

## Meet to Talk on Astronomical Society Plans, 3/8 View Mercury, Saturn, Moon, 3/16

On Tuesday, March 8, at noon, all who are interested in astronomy are invited to Berkner Hall, Room C, where members of the BERA Astronomical Society and others will be discussing upcoming sky events and plans for 2005. One event that is already planned at BNL is an observation night for Wednesday, March 16, at 5:30 p.m. outside the Brookhaven Center. Weather permitting, telescopes will be set up for viewing Mercury, Saturn, and the Moon. Come and get to recognize these fascinating entities in the sky or share your knowledge with others who are less expert. All are welcome.

## Tax Help for Visiting Foreign Nationals Noon Workshop 3/16

The Quality of Life/BERA/Recreation Office will present a workshop on “Tax Assistance for Visiting Foreign Nationals,” Wednesday, March 16, at noon in the Recreation Hall, Bldg. 317. The presentation will be given by Mark Israel, Fiscal Officer, and Deborah Johnson, Director of Internal Audit & Oversight. Advanced registration is required. Contact Christine Carter, Ext. 5090.

## Native American Cookbook in BERA Store

Stop by the BERA Store in Berkner Hall to pick up a copy of *Wisdom of Elders*, a 70-page, soft bound cookbook filled with American Indian food recipes, tribal profiles, methods for preparation, and colorful ideas for menu planning. All proceeds go to the National Society for American Indian Elderly. For more information, contact Kate Durnan, (520) 383-6075, kated@todhs.com.

## 2nd Defensive Driving Class, 4/2

A second six-hour defensive driving course will be offered on Saturday, April 2, 9 a.m.-3:30 p.m., in Berkner Hall, Room C. This class is being offered in addition to the class on March 12, which is now filled. As previously, this course is limited to 20 people, first-come, first-served. The course is open to BNL, BSA and DOE employees, BNL facility-users, and their families, at a cost of \$30 per person. To register, send a check by March 7 to NYSTA, in care of Don Kelley, P.O. Box 185, Selden, NY 11784. Include your phone number in case you need to be contacted.

## Arrivals & Departures

### Arrivals

David Cooley ..... Env. Sci.  
Grzegorz Deptuch ..... Instrument.  
Joseph Escudero ..... HR&OM  
Min Lu ..... Biology

### Departures

Bennett Azzara ..... Magnet  
Jennifer Morse ..... Physics  
Frederick Reinert ..... CFS  
Achyut Topé ..... Facilities & Ops.  
Kurt Vetter ..... C-A

## Bus Trip to NYC, 3/12

The Hospitality Committee invites all on a bus trip to Manhattan on Saturday, March 12, leaving the Recreation Hall in the apartment area at 9:30 a.m. and leaving the city at 5 p.m. The cost for adults is \$10, children 2-12, \$5; payment, in cash only, must be in advance. To arrange payment, contact Hanna Herman at haniaherman@yahoo.com or 849-2249.

## Service Anniversaries

The following BNL employees celebrated service anniversaries during January 2005.

### 40 Years

Wayne Rasmussen ..... NSLS  
Ronald Yuhas ..... ITD

### 30 Years

Dennis Carlson ..... NSLS  
Brian Oerter ..... C-A

### 25 Years

Phyllis Tinsley-Smith ..... Biology  
Peter Stelmaschuk ..... Plant Eng.  
James Alduino ..... C-A  
John Klug ..... NSLS  
Ady Herscovitch ..... C-A  
Mark Walker ..... Ctrl. Fab. Svcs.  
Michael Palumbo . Ctrl. Fab. Svcs.  
Charles Finfrock ..... NNS

### 20 Years

Wlodzimierz Guryn ..... Physics  
Robert Lapine ..... Plant Eng.  
Shou-Yuan Zhang ..... C-A  
Alanson Warren ..... Plant Eng.

### 10 Years

William Dorsch ..... Env. Svcs.  
Anatoli Gordeev ..... Physics  
Sheryl Gerstman ..... ITD  
Charles Schaefer ..... ESH&Q  
David Lynn ..... Physics  
Raymond Edwards ..... Env. Sci.  
Laurie Gregory ..... Env. Sci.  
Michael Lowry ..... Physics

# Calendar

(continued)

## Saturday, 3/5 (cont.)

**Gathering of the Slides Blues Concert**  
8 p.m., Berkner Hall. Featuring the Kerry Kearney Band, Little Toby Walker, and the Kane Daily Band. See notice, page 4. Tickets at \$10 each are at the BERA Sales Office in Berkner.

## — WEEK OF 3/7 —

## Monday, 3/8

**\*Astronomical Society Planning Mtg.**  
Noon-1 p.m. Berkner Hall, Room C. All are welcome to meet with BERA Astronomical Society members to discuss plans for 2005. Rick Jackimowicz, rickj@bnl.gov, Ext. 3803. See notice, below left.

## Wednesday, 3/9

**Vacuum Generators Demo**  
11 a.m.-2 p.m., Berkner Hall. Vacuum Generators has more than 30 years’ experience in the design, manufacture and supply of equipment for HV and UHV applications and offers a wide range of high quality standard and custom products. For more information, contact Tom Murphy, (617) 474-9455, tom.murphy@thermo.com.  
**BSA Noon Recital. ‘Simply Gershwin’**  
Noon, Berkner Hall. Pianist Paul Bisaccia and tenor John Whitley perform music of George Gershwin. This free recital was previously scheduled in January, but postponed due to illness. All are welcome. Visitors to the Lab age 16 and over must carry photo ID.

## Thursday, 3/10

**Research Support Bldg. Ceremony**  
11 a.m., Berkner Hall. The Lab community is invited to attend, with supervisory permission, a groundbreaking ceremony for the construction of a research support building to be located on the south side of Brookhaven Avenue next to Bldg. 438. See notice, page 1.

## Saturday, 3/12

**\*Hospitality Bus Trip to Manhattan**  
9:30 a.m. The Hospitality Committee sponsors a bus trip to Manhattan. Adults, \$10; children 2-12, \$5; cash payment in advance only. See notice at left. Contact Hanna Herman at haniaherman@yahoo.com, or 849-2249.

## — WEEK OF 3/14 —

## Wednesday, 3/16

**\*Tax Assistance for Foreign Nationals**  
Noon-1 p.m., Recreation Hall in the apartment area. A workshop on tax assistance for foreign nationals. See notice, left. Advanced registration required. Contact Christine Carter, Ext. 5090.

**402nd Brookhaven Lecture**  
4 p.m., Berkner Hall. Ben Burr of the Biology Department will talk on “Genetic Engineering: What’s the Fuss?” All are welcome to this free lecture, open to the public.

**\*View Mercury, Saturn, Moon**  
5:30 p.m. outside the Brookhaven Center, weather permitting. the BERA Astronomical Society hosts event to view Mercury, Saturn, and the Moon from telescopes set up on site. All are welcome. See notice at left. For more information, contact Rick Jackimowicz, rickj@bnl.gov, Ext. 3803.

## Thursday, 3/17

**Monthly Meeting of the Brookhaven Advocacy Council - Open Session**  
12:30 p.m., Berkner Hall, Room C. All welcome. See also www.bnl.gov/bac/.

## Friday, 3/18

**Employee Lunch Time Tour — NSLS**  
Noon, Berkner Hall lobby. Group meets to be taken to the National Synchrotron Light Source to learn about research there. Return to Berkner by 1 p.m. All are welcome.

## — WEEK OF 3/21 —

## Wednesday, 3/23

**BSA Noon Recital**  
Noon, Berkner Hall. The Synergy Quintet Brass Ensemble will perform at the next BSA Noon Recital. All are welcome to attend this free concert.

*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.*



# Recital

## BSA Noon Recital, 3/9 'Simply Gershwin'



At the BSA Noon Recital on Wednesday, March 9, Paul Bisaccia and John Whitley will present "Simply Gershwin."

Bisaccia was the first artist to record the complete piano music of George Gershwin. The PBS TV special, "Gershwin by Bisaccia," has been broadcast throughout the country on over 100 stations, as well as in China. Tenor John Whitley has been praised by *Billboard* as a singer who brings a warm sense of humor to familiar Gershwin tunes.

All are welcome to this free recital, sponsored by BSA and open to the public. Visitors of age 16 and over must carry a photo ID.

## Classified Advertisements

### Motor Vehicles & Supplies

04 TOYOTA COROLLA - 4-cyl., 4dr., a/t, p/s, a/c, am/fm, cass., cd, excel. cond., warr. 6,000 mi. \$13,600/neg. Ext. 3272 or 744-5762.

03 MAZDAMPV - 6-cyl., 7 pass., AC, p/s, p/l, p/b, p/w, excel. cond., under warr. 45K mi. \$15,500/neg. Patrick, Ext. 5262 or 744-3715.

99 MERCURY MARQUIS - A/T, A/C, P/B, P/S, P/W, leather seats, good cond=. 55K mi. \$8,000/neg. Thomas, 516-429-7394.

96 HYUNDAI SONATA - 4-dr., green, a/c, am/fm cass., a/t, p/l, p/w, great transportation. 33K mi. \$2,300/neg. Ralph, 205-1630.

96 FORD E250 - Well maintained, 6-cyl., a/c, roof racks, runs well, looks great. \$4,000/neg. John, 516-903-1500.

94 MAZDA 626 - Sky blue, a/t, a/c, airbag, m/roof, new tires, extra clean cond., >30 mi./gallon. 110K mi. \$2,199/neg. Jim, Ext. 5018.

92 NISSAN MAXIMA GXE - Full Power, ABS, a/t, runs well. 155K mi. \$1,400/neg. John, Ext. 5100.

89 FORD AEROSTAR EXTENDED - body rust, mech. excel., well maint., v. reliable, gd. tires. 140K mi. \$500. Ext. 7699 or 821-1435.

89 CHEVY S-10 TAHOE PICKUP - Runs well, body ok, 6-cyl ext. cab. New tires, exh. 150K mi. \$900/neg. Ext. 7316 or 929-0668.

89 LINCOLN TOWNCAR - 8-cyl., 4-dr., am/fm/cd awia, all pwr, runs well. 150K mi. \$650/ neg. Daniel, Ext. 3172 or 821-2416.

78 FORD LTD - Cruiser w/8-cyl 460P engine; ideal for parts. Ext. 3637 or 929-6230.

### Furnishings & Appliances

BED - Twin captain's platform bed w/mattress & drawer, on wheels. Oak. \$100. Ext. 3822.

BED - incl. mattress, boxspring & rail, full size, excel. quality, like new cond, \$99/each set. Jim, Ext. 5018.

CHANGING TABLE - Changing table, excellent condition, \$15. John, Ext. 4028.

DEN FURNITURE - This End Up: sofa bed, chair w/ottoman, lg. sidetable, coffee table, 2 sets cushions. Solid pine. \$950. Ext. 4120.

DRIER - Whirlpool, electric, excel. cond., white, instructs. incl., ask \$50. 929-4522.

ENTERTAINMENT CENTER/WALL UNIT - Wood 2-pc unit. 10 glass shelves on sides b/in lights. 70W/80H/20D \$650. Ext. 7589.

SOFA BED - Floral print, \$50. Beth, Ext. 3372.

### Audio, Video & Computers

COMPUTER GAMES - Everquest Evolution, \$4; Civilization III, \$10; Max Payne 1, \$5; Max Payne 2, \$10. Maxim, Ext. 3621.

COMPUTER SPEAKERS - Excellent condition, \$5. John, Ext. 4028.

COMPUTER - desktop, & monitor, AMD Athlon XP1600+, 256Mb RAM, 60Gb HD, CD-RW, DVD, more, \$250. Ext. 3272 or 744-5762.

COMPUTER - dsktop, mon., Emach. 1GHz, 256MB RAM, 20GB HD, CD-RW, Wndws. XP, etc. \$100. Charlie, Ext. 2723 or 903-2199.

DVD - player/recorder, Toshiba SD-V392SU DVD, CD & video cass. recorder. Under 1 yr. old, \$75. Ext. 3272 or 744-5762.

PRINTER & SCANNER - Lexmark Model Z22, color inkjet Microtek 3600 Series, 600 x 1200 dpi, USB. \$50 for both. 369-9720.

SYNTHESIZERS - 2, Microkorg /vocoder \$300; Yamaha TG33 vector, \$100, Roland R-5 drum machine \$75. Maxim, Ext. 3621.

### Sports, Hobbies & Pets

ART FRAMES - Lot of 15, wood: walnut, oak, burl, some painted, some w/ glass, sizes 9 x 11 - 27 x 32, \$65/all obo. 803-0506.

BOWLING BALL - Men's 15 lb. ball, blue Color. Asking \$30. Barbara, Ext. 3431.

EXERCISE MACHINE - CardioGlide, excel. cond., brochures avail, ask \$30. Barbara, Ext. 3431.

GOLF CLUBS - 3-PW, Driver, 5-wood. Graphite Shaft , excellent condition. \$75. Peter, Ext. 5282.

POP-UP TRAILER - 1994 VIKING DELUXE 270 tandem axle, rfrg, heat, awning, batt, 2Q beds, slps 6, dealr. maint, \$3,100. Ext. 2228.

SYNTHESIZER - rare, vintage, Arp/Fender Chroma Polaris, true analog brd. w/extnsv. MIDI control, more. \$475. Maxim, Ext. 3621.

YARN - Variety of Colors. Approx. 15 rolls. Asking \$15. Barbara, Ext. 3431.

### Tools, House & Garden

TOOLS: - Micronta digital voltmeter/ammeter, \$5. Vices: small size, \$5; medium size, \$10. Both solid metal. Peter, Ext. 2913.

### Miscellaneous

ART WORKS - Pictures, signed lithographs, serigraphs, photo and oil. Prices \$50 - \$150. Joyce, 563-0989.

COMMUNION DRESS SIZE 6 - Brand new, never worn. Sleeveless, satin top, \$34. Beth, Ext. 4144.

NOKIA CELL PHONE BATTERY - For models 5120, 5160, 5165, 6160, 6162, more, NiMH 900 mAh, in pkg., \$15 neg. Ext. 5312.

### Happenings

SCIENCENTER LECTURES - Lectures on wine, fish, and wildlife, March 4, 11, 18, 7:30 p.m. at the LI ScienCenter, free. Peter, Ext. 7687 or 744-1112.

### Free

CAT - Loving, beautiful, friendly house cat. declawed, all shots. Has some grooming trouble. Pat & Erin Cuomo, 516-777-3246.

### Wanted

CHILD SADDLE - Child's western saddle, reasonable, any cond. Pauline, 765-4944.

FIREARM - Winchester model #101 or other type. Joe, Ext. 3783 or 929-8321.

U2 TICKETS - SOLD OUT: Two tix for MSG 5/21 @8pm. Any section, reasonably priced. Paul, 516-633-7275.

### Lost & Found

LOST - Metallic pen, blue/turquoise - goes with set; Brown leather glove, cashmere lining, goes with mate. Patricia, Ext. 7192.

### For Rent

E. YAPHANK/N. SHIRLEY - 2 bdrm, eik, w/ sliders to pvt deck, combo lr/dr, full bath, new carpets/paint, pvt ent., driveway, cable & all util. inc. \$1,500/mo. Robert, 654-9389.

SHOREHAM - New 1 bdrm. bsmt apt., furn. New appl., l/r, d/r, bath, priv. ent. dr/way parking. No pets/smkg. Single. 1-mo sec +1-mo rent. Util incl. \$1,100/mo. Ext. 5263 or 744-2545.

MYRTLE BEACH, SC - 2 bdrm. (4 beds), 2.5 bath Townhouse on golf course in Little River, SC. Community pool. \$491-\$813/week or \$700-\$1200/month. 472-4994.

### In Appreciation

On behalf of the family of H. Charles Gill, please accept our deepest appreciation for your prayers and sympathy expressed following the passing of our beloved "Poppy." — Linda Hanlon

To my BNL Family: Words can never express my heartfelt appreciation for the love, support, and friendship you shared with me after the passing of my sweet husband, Ed. You all hold a special place in my heart. Thank you. — Jane Koropsak

### Services

Services are listed as a courtesy to BNL employees. They are neither screened nor recommended by the Bulletin. You may add your service to the list online or by e-mailing bulletin@bnl.gov or by mail to the Bulletin, Bldg. 134. You must include your life number.

CAKES - tiered or not, for all occasions, wedding, birthday, sweet 16, anniversary, etc., party favors and unity candles, all colors. Debbie, Ext. 8276 or 776-0188.

CHILD CARE - 13-year-old will babysit your child while you run errands or enjoy an evening out. Stony Brook, Setauket, & Port Jefferson areas. 689-5948.

CHILD CARE - specializing in infant care, exp. Denise, 516-287-0154.

CHILD CARE - medical student will provide full-time live-in childcare during July and August. Excel. references avail. Cathy, 369-3098.

CHILD CARE - Home Family Daycare in Shoreham has f/t and p/t openings avail. in□ loving, safe environment, reasonable rates. Fatma, 821-0518.

CHIMNEY SWEEP - fire places & oil flues, pre-fab repairs, chase pan tops & chimney caps, reline flues. Mike, Ext. 5891 or 821-5526.

CLEANING - home or office, party set-up and clean-up, windows. Paula or Laurie, 924-0139 or 848-4064.

COMPUTER CONSULTING - virus & spyware removal, hardware/software installation and upgrades, gen. computer maintenance. Courtney, Ext. 3018 or 347-453-5749.

COMPUTER REPAIR - certified and experienced technicians, hardware repair and upgrades, spyware/virus removal. Dan, 928-8389.

COMPUTER SERVICE - Woodlander Technology, Columbia Univ. tech. major, website design, network installation, business/home computer trouble shooting, training. William, 764-8166.

COMPUTER SERVICE - web service, all phases, hardware/software installations, web design/posting, small business computer mgmt., networks, refs. avail. Jim, 821-2558.

COMPUTER SERVICE - need help with that doorstep, I mean . . . computer? Call "The Geek" for all your hardware, software, training needs. Lee, Ext. 6306 or 547-1548.

COMPUTER SERVICE - PC efficiency, recovery, training, spam ctrl., virus removal. www.JasonMendoza.com or 924-8335.

DENTAL CLEANING - Full dental cleaning at Farmingdale University Hygiene Center, \$25. Alfred, Ext. 2175.

DRIVEWAYS - blacktop, Belgium block, pavers, brick borders, tennis & basketball courts, 20 yrs. qual. svc., free estimates. 698-9016.

EMBROIDERY - custom, wedding, baby, home items. Nancy, Ext. 4303.

FLOOR STRIPPING - and waxing, any floor, any condition, 8x10 to 10x30 for \$125. Carl, Ext. 5010 or 369-3730.

GENEALOGICAL RESEARCH - assistance in family tree and genealogical research, 20+ yrs. exp. Jim, Ext. 2432 or 821-9178.

GIFT BASKETS - custom made for all occasions, beautiful, affordable, local delivery. Leisa, Ext. 6045.

GUIITAR LESSONS - all levels, all types, classical, rock, ragtime, blues, hot tuna. Tim, 289-4442.

GUTTER COVERS - Waterloo, the ultimate solution. Guaranteed to keep gutters clean and free flowing, forever. Henry, 727-4888.

HAIR REPLACEMENTS - all latest prosthesis systems avail., stock or custom made. Lace fronts, integration, microthin base. Freelance specialist, will travel. Tracy, 567-1001.

HANDYMAN - Need something fixed in your home? Need help with the honey-do list? Free estimate , 513-1619.

HANDYMAN - licensed/insured, home remodeling, int./ext. painting, tiles, wood-working, etc. Work done w/TLC. No job too small. Bill, 281-4492.

HOME CARE - live in home care, can cook and drive, honest, dependable, references avail. Jeanne, 929-8545.

HOME IMPROVEMENTS - Kitchens, Baths, Moldings, Windows, Doors. Prof. installations, Lic/Insured. Free est. carusocarpentry @optonline.net. Joe, 868-0752.

HOME INSPECTION - pre-list/pre-purchase & new home warr. inspections performed to ASHI standards, homeowner consultations, comprehensive, prof. reports, BNL discount. Chris, 395-8810.

HOUSE CLEANING - thorough, dependable, honest, anytime incl. weekends. Miss. Betz, 924-3236.

HOUSE CLEANING - to your standards, weekly, monthly, one time, many BNL clients, excel. references avail. Jane, 874-4049.

HOUSE CLEANING - in Bellport area, by H.S. student. 286-4858.

HOUSE CLEANING - reliable person who can work around your schedule. Kris, 921-6020.

HOUSE CLEANING - reliable, professional, affordable, dependable cleaning from top to bottom. Will travel. Renee, 981-8876.

INCOME TAX RETURN PREPARATION - Certified by the IRS to represent taxpayers. \$50 for any return. Chris, Ext. 3232 or 849-2081.

JUNK CAR REMOVAL - trucks, boats & clean-ups. Richard, 589-9103.

LAND CLEARING - trees, stumps, brush removed, topsoil graded & raked with 450 loader. \$140/hr. Tom, Ext. 4507 or 878-1060.

LANDSCAPING - clean-ups, seeding, lawn cutting, tree/brush removal, lawn applications, thatching, bed designs, planting, free estimates. John, 241-7611.

LAWN IRRIGATION - lawn sprinkler seasonal maint., repairs, installations, water-saving sensors for new and existing systems. Brent, 258-3064.



## 'The Gathering of the Slides III,' 3/5

**BNL Concert tomorrow features the Kerry Kearney Band, Little Toby Walker, and the Kane Daily Band**

"The Gathering of the Slides III," a blues concert featuring the Kerry Kearney Band, Little Toby Walker, and the Kane Daily Band, will be held tomorrow, Saturday, March 5, at 8 p.m. in Berkner Hall. Sponsored by the BNL Music Club, the concert is open to the public. Visitors to the Lab age 16 and over must bring a photo ID.

Back for a third year at BNL, the Kerry Kearney Band brings down the house with their unique, high-energy sound. Founded in 1995, Kearney's electric band has headlined in several music festivals, including the Riverhead Blues Festival.

Winner of the prestigious 2002 Memphis International Blues Challenge Award, Little Toby Walker is a gifted finger-style guitarist, singer, songwriter and storyteller.

The Kane Daily Band brings a mix of blues-oriented classic rock'n'roll and Delta and Chicago-oriented blues to their act. As a former member of the band, Rooster, Daily helped the group win the 1997 Long Island Music Festival Award.

Tickets for the concert cost \$10 each. They may be purchased at the door or in advance at the BERA Sales Office in Berkner Hall on weekdays, from 9 a.m. to 3 p.m.

### Last chance!

## BERA Board Nominees Wanted

Four candidates are wanted to run for two BERA Executive Board positions, each open for a four-year term, May 2005 to 2009. During elections in March, BERA members will vote on the four candidates to fill the two BERA Executive Board positions. If you would like to run for the Board, contact a committee member: Ruth Comas, Ext. 3545; Dave Dale, Ext. 2976; Augie Hoffmann, Ext. 3884; Mike Loftus, Ext. 2960; Renee McNeil, Ext. 8278; Carmen Narvaez, Ext. 3254; Ed Sperry, Ext. 2697; Michael Thorn, Ext. 8612; and Susan Wong, Ext. 7988. On March 7, at an 11 a.m. meeting in Berkner Hall, Room C, those who have contacted committee members will present their biographies to the committee for selection.

LAWN MOWER REPAIR - and small engine tune-ups & repairs. Walter, 567-9025.

MARINE WINTERIZATION - and shrink wrapping. Rich's Marine Service, 281-1089.

MURALS - All types of murals for walls, furniture, etc. Free initial consult. Madeline, 698-6373.

PAINTING - power washing, commercial & residential, "quality with pride," BNL discount, lic., ins. 839-6144.

PET BOARDING / DOG GROOMING - Loving, experienced pet owner will groom and or pet sit. Reasonable rates, clean, loving environment. Many refs. Lynn, 981-7719.

PET SITTING - let the Watch Dawg take care of your pets and home while you are away, safe & reliable. www.watchdawg.net, 889-3690, watchdawg@optonline.net.

PHOTOGRAPHY - freelance, film or digital. 20 yrs wedding exp.; restoration, any old or new photograph, color or b&w. Rick, Ext. 3803 or 874-4017.

PIANO LESSONS - Classical, all levels, NYSSMA preparation, in Shoreham. 744-9763.

PIES AND CAKES - Delicious, fresh-baked. Apple and pumpkin pies, cheese-cake, cran-nut coffee cake or carrot cake \$10-\$15. You'll love them! Ruth, Ext. 7459.

PINATAS - unique, for all occasions, all characters, cartoon, Disney, Sesame Street, etc. Donna, 821-0359.

POWER WASHING - decks, patios, mobile homes, cement, brick, staining, sealing, excel. work, excel. price, 15 yrs. exp., free estimates. Linda, 821-6336.

SAT TUTOR - Expert SAT Tutor - House calls made. Experienced with new format. Steve, (516) 848-5873.

SHEETROCKING - and spackling, free estimates. Kevin, 567-6621.

TAX PREPARATION - Servicing Lab employees for over 25 yrs. Reasonable. John, 732-2472.

TAX PREPARATION - Reduce stress. Have your tax return prepared professionally at reasonable rates. It's a small price to pay for peace of mind. Brian, 821-6339.

TUTOR - high school/middle school earth science by state-certified teacher. Ed, Ext. 4080 or 821-1013.

TUTOR - experienced teacher will tutor math, ELA prep., English, writing, and reading intervention for primary grades. Robert, 846-1261.

WALL MURALS - custom, hand-painted murals and creative designs and themes, commercial, residential. Bobbi or Mike, 816-0707.

WORD PROCESSING - prof. typing, document prep./formatting, school, business, or personal reports, letters, and papers, accurate, reliable, timely, MS Word, WordPerfect. Anna, Ext. 7132 or 793-4551.

## BERA Volleyball League

Standings as of 2/23/05

### Open League A

|                   |         |
|-------------------|---------|
| UCB Roof Co. .... | 66 - 14 |
| EZ Pass .....     | 50 - 30 |
| Far Side .....    | 27 - 53 |
| Jet Setters ..... | 17 - 63 |

### Open League B

|                         |         |
|-------------------------|---------|
| Shankadelic□.....       | 37 - 11 |
| Easy Spikers .....      | 37 - 11 |
| Late Entry .....        | 28 - 17 |
| Setting Ducks .....     | 13 - 32 |
| PHENIX Fire .....       | 11 - 31 |
| What Ball, Where? ..... | 12 - 36 |

### Mixed League 2

|                      |         |
|----------------------|---------|
| Ball Hogs .....      | 31 - 17 |
| New Blood .....      | 27 - 21 |
| Another Round .....  | 26 - 22 |
| Nuts and Bolts ..... | 25 - 23 |
| Goodtimers .....     | 21 - 27 |
| Court Jesters .....  | 14 - 34 |

### Mixed League 3

|                           |         |
|---------------------------|---------|
| Upton Ups .....           | 59 - 21 |
| Last Minute .....         | 53 - 27 |
| Newbies .....             | 38 - 42 |
| Volley of the Dolls ..... | 10 - 70 |

## On-Site Service Station

The on-site station, Upton Industries, Inc., offers convenient garage service while you are at work. Ext. 4034.

