Bulletin



Vol. 62 - No. 6 February 29, 2008

Brookhaven Awards

ab Director Sam Aronson Lpresented the Brookhaven Awards, which recognize key contributors in support functions whose performance and achievements represent outstanding service to the Lab. Employees with a history of contributions in all support functions are considered, however, outstanding achievements in areas such as environment, safety, affirmative action, training, community involvement, and quality are favored. Nominations are made by organization heads and are reviewed by a selection committee that consists of five Lab managers who present their selection to the Lab Director for approval. The citations of the five Brookhaven Award recipients follow.

Christine Brakel, a licensing specialist in the Office of Intellectual Property & Sponsored Research, is recognized for her extremely effective contributions in management and licensing of technologies from the Life Sciences Directorate. In particular, she licenses the T7 technology which has earned about \$30 million in royalties for the Lab. In Fiscal Year 2007 (FY07), the 300plus patent portfolio licenses brought royalties totaling over 🧖 \$5.8 million. All partners are using the technology for biomedical research or for industrial production of proteins for

targets for developing pharmaceuticals. FY07 royalty dollars were spent at BNL on nanoscience, scientific computing, biomedical imaging, technology maturation, energy related R&D, the Large Synopic Survey Telescope, and education. Funding for these projects was made possible by Brakel's administration of the licensing portfolio. Her commitment to the Laboratory and her diligent efforts have translated into a very successful technology transfer program.

enzymes, diagnostics, vaccines, therapeutics and

Terrence Buck, a principal Human Resources representative in the Human Resources & Occupational Medicine Division, is recognized for his outstanding contributions to diversity recruitment; his work with hundreds of students over the years; and his commitment to volunteerism. As the Lab's diversity recruiter, Buck has made consistent contributions towards increasing the number of minorities and women at BNL.

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2007 BNL Employee Awards

At the annual Employee Recognition Ceremony held on February 7 in Berkner Hall, 15 BNLers were honored with the Lab's highest awards: five received the Brookhaven Award, six, the Engineering & Computing Award, and four, the Science & Technology Award. Candidates are selected for the exceptional nature and difficulty level of their contributions as well as the benefit of the contributions to the Laboratory.

Doon Gibbs, Deputy Lab Director for Science & Technology, presented the Science & Technology Award to Ivan Bozovic, Condensed Matter Physics & Materials Science; Gianluigi De Geronimo, Instrumentation Division; and Etsuko Fujita, Chemistry Department. The fourth winner, Anat Biegon of the Medical Department was not present.

Lanny Bates, Assistant Laboratory Director for Facilities & Operations, presented the Engineering & Computing Award to Sorin Viorel Badea, Collider-Accelerator Department; Peter Boyle, Plant Engineering Division (PE); Paul Kovach, Superconducting Magnet Division (SMD); William Leonhardt, Condensed Matter Physics & Materials Science Department; Stephen Plate, SMD; and James Wright, PE.

Sam Aronson, Lab Director, presented the Brookhaven Award to: Christine Brakel, Intellectual Property & Sponsored Research Office; Terrence Buck, Human Resources & Occupational Medicine Division; James Desmond, Life Sciences Directorate; Robert Selvey, Safety & Health Services Division; and Susan Pepper, Nonproliferation & National Security Department.

Also congratulated were 197 Spotlight Award winners, cited for extending extraordinary efforts in response to the needs of their departments or divisions.



Winners of the 2007 Brookhaven Award are: (from left) James Desmond, Christine Brakel, Terrence Buck, Robert Selvey, and Susan Pepper.



2007 Science & Technology Award winners are: (from left) Ivan Bozovic, Etsuko Fujita, and Gianliugi De Geronimo. Not present: Anat Biegon.

Science & Technology Awards

The Science & Technol-■ ogy Award recognizes distinguished contributions to BNL's science and technology mission over one or more years. Nominations for the award are made by organization heads. A committee of Associate Laboratory Directors for scientific programs evaluates the exceptional nature and difficulty level of the employee's contributions and the benefit of the contributions to BNL, then recommends award recipients to the Lab Director for final approval. The citations of the four Science & Technology Award recipients follow.

Anat Biegon, a senior medical scientist in the Medical Department, is recognized for her insightful development of methods in imaging receptors in the central nervous system. Over the last two years, these methods culminated in the development of a radio-ligand for measuring open-channel NMDA receptors in the brain. The NMDA receptor represents the major excitatory receptor in the central nervous system. It is a marker of neuronal excitatory activity which has long been the target of neural imaging. In a system that many considered difficult to work, Biegon persevered, and proved, in an auto-radiographic study, that the ligand worked in principle.

In the last year, she followed that by showing the feasibility of measuring these receptors, using positron emission technology, in baboons. In conjunction with New York University, she now has the first important clinical study using this ligand in patients with Alzheimer's disease at BNL. She is honored for both the quality of her work and her persistence.

Ivan Bozovic, a senior materials scientist in the Condensed Matter Physics & Materials Science Department, is being recognized for pioneering and sustained contributions to atomiclayer synthesis and materials physics studies of thin films, multilayers and superlattices of cuprate superconductors and other related complex oxides. His accomplishments range from designing and building unique research instrumentation, through immaculate thin film synthesis, to detailed characterization experiments. After joining the Lab in 2003, in a short time, he put

(continued on page 2)

BSA Distinguished Lecture, 3/12_

Thomas Lovejoy to Speak on 'Climate Change: Prospects for Nature'

Thomas Lovejoy, President of The H. John Heinz III Center for Science, Economics and the Environment, will give a BSA Distinguished Lecture titled "Climate Change: Prospects for Nature," on Wednesday, March 12, 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 Lab community and the public. The lecture is free and open to the public. Visitors to the Lab age 16 and over must bring a photo ID.

Founded in 1995 in honor of the late Senator H. John Heinz III, The Heinz Center is a nonprofit institution dedicated to improving the scientific and economic foundation for environmental policy through collaboration with industry, government, academia, and environmental organizations. In his talk, Lovejoy will explore the impact of climate change on the natural world. He will also discuss the implications of climate change for climate policy and natural resource management.

Before becoming President of The Heinz Center in 2002, Lovejoy was the World Bank's Chief Biodiversity Advisor and Lead Specialist for Environment for Latin



America and the Caribbean and Senior Advisor to the President of the United Nations Foundation. Lovejoy has been Assistant Secretary and Counselor to the Secretary of the Smithsonian Institution, Science Advisor to the Secretary of the Interior, and Executive Vice President of the World Wildlife Fund-U.S. He is the founder of the public television series, "Nature," and is credited with coining the term "biological diversity."

Lovejoy received the 2001 Tyler Prize for Environmental Achievement, being cited as a pioneer in conservation biology. He conceived the idea of minimum critical size of ecosystems, which was important in calling attention to the problem of dwindling tropical forests. Also, he originated the concept of "debt-fornature swap," which allows developing nations to convert foreign debt to nature reserves and conservation programs.

Lovejoy served on science and environmental councils or committees under the Reagan, the former Bush and Clinton administrations. He received his B.S. and Ph.D. in biology from Yale University.

— Diane Greenberg

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CALENDAR

OF LABORATORY EVENTS

- days from 9 a.m. to 3 p.m. For more information on BERA events, contact Andrea Dehler, Ext. 3347, or Christine Carter, Ext. 2873.
- Additional information for Hospitality Committee events may be found at the Lollipop House and the laundry in the apartment area
- The Recreation Building #317 (Rec. Hall) is located in the apartment area.
- Contact names are provided for most events for more information.
- 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, Advanced classes. Various times. All are welcome. Learn English, make friends. See www.bnl.gov/esol/schedule. html for schedule. Jen Lynch, Ext. 4894

Mondays: BNL Social & Cultural Club Noon-1 p.m., Brookhaven Center, South Room, free beginners dance lessons. Rudy Alforque, Ext. 4733, alforque@bnl.gov

Mondays: Pilates

Noon-1 p.m. Rec. Hall. Ext. 5090

Mondays & Wednesdays: Pilates 5:15-6:15 p.m. Rec. Hall. Ext. 5090

Mondays & Thursdays: Kickboxing \$5 per class. Noon-1 p.m. in the gym. Registration is required. Ext. 8481

Mon., Thurs., & Fri.: Tai Chi Noon-1 p.m., B'haven Cntr N. Rm. Adam Rusek, Ext. 5830, rusek@bnl.gov

Tuesdays: Hospitality Coffee 10:30 a.m-noon, Rec. Hall lounge. All welcome. Ext. 5090

Tuesdays: BNL Music Club Noon, B'haven Center, N. Room. Come hear live music. Joe Vignola, Ext. 3846

Tuesdays: Knitting Class 2 p.m. Rec Hall. All levels of skill. Ext. 5090 for information.

Tuesdays: Toastmasters

1st & 3rd Tuesday of month, 5:30 p.m., Bldg. 463, Rm 160. Guests, visitors welcome. www.bnl.gov/bera/activities/toastmstrs/

Tue., Wed. & Thu: Rec Hall Activities 5:30-9:30 p.m. General activities, TV, ping pong, chess, games, socializing. Christine Carter, Ext. 5090.

Tue., Thurs. & Fri.: Ving Tsun Kung Fu Noon-1 p.m., B'haven Center, North Room. Taught by Master William Moy. Scott Bradley, Ext. 5745, bradley@bnl.gov

Tues. & Thurs.: Jazzercise Noon, Rec. Hall. Ext. 5090

Tuesday & Thursday: Aerobic Fitness 5:15 p.m., Rec. Hall. 10 classes for \$40 or \$5 per class. Pat Flood, Ext. 7866, flood@bnl.gov

Tuesday & Thursday: Aqua Aerobics 5:30-6:30 p.m., Pool. Ext. 5090

Wednesdays: On-Site Play Group

10 a.m.-noon. Rec. Hall. Infant/toddler drop-in event. Parents meet while children play. Petra Adams, 821-9238.

Wednesdays: Ballroom Dance Class

B'haven Center, N. Ballroom. Instructor: Giny Rae. Starts September 12 and 19. Ext. 3845.

Wednesdays: Weight Watchers

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

Wednesdays: Yoga

Noon-1 p.m., B'haven Center. Free. Ila Campbell, Ext. 2206, ila@bnl.gov

Thursdays: Reiki Healing Class Noon-1 p.m., Call for location. Nicole

Bernholc, Ext. 2027

Fridays: Family Swim Night 5-8 p.m. BNL Pool. \$5 per family

Fridays: Family Gym Night

5-8 p.m. Family gym activities. Free.

Fridays: BNL Social & Cultural Club Noon-1 p.m., B'haven Center, South Room, free beginners dance lessons. 7-11:30 p.m. North Ballroom, Dance Social, workshops. Rudy Alforque, Ext. 4733, alforque@bnl.gov

CIGNA Representative

A CIGNA Healthcare representative is available as needed in Human Resources, Bldg. 400, or by phone to assist with claims issues you have been unable to resolve yourself through CIG-NA's Customer Service number (1-800-CIGNA24). Mary Beth Kivlen will be available by appointment only. You will need to provide all pertinent documentation. To schedule, call the Benefits Office, Ext. 5126.

In Memoriam, Iuliu Stumer

Physicist Iuliu Stumer, a BNL guest scientist who had worked at the Lab for 34 years, died on February 3, 2008. He was 65.

After obtaining his M.Sc. and Ph.D. at Tel Aviv University, Stumer joined the Omega group in the Physics Department as a research associate on September 18, 1973. His first major experiment brought him to Fermi National Accelerator Laboratory to help measure high transverse momentum neutrals. Soon after, he was



stationed at CERN, Switzerland, where he participated in experiments R806 and R807 at the Intersecting Storage Ring (ISR) collider. There he was involved in pioneering work on liquid argon calorimeters, becoming one of the world experts in the analysis of liquid argon data and in understanding the subtle behavior of these calorimeters.

Back at BNL, he joined a team working on magnet design, including the design of the original two-in-one magnets now being used at the Large Hadron Collider (LHC) at CERN. His involvement at CERN continued in NA34/Helios experiment at the Super Proton Synchrotron. When the Superconducting Super Collider emerged as a major U.S. project, he worked on the optimization of the GEM liquid argon calorimeter. In 1993, BNL joined the LHC's ATLAS collaboration, and Stumer made a significant contribution to the optimization of the ATLAS liquid argon electromagnetic calorimeter. Most recently, he has worked on simulating the effects of the iron support structures in the ATLAS experiment on the magnetic field. He retired on October 15, 2007.

Said Physics Chair Tom Ludlam and David Lissauer of the Omega group, "Iuliu was a unique individual; his door was always open to help others. Many of us came to him for his advice or to discuss the latest analysis ideas or problems. His love of life and travel was contagious — he will be dearly missed by all of us, family, friends and colleagues. Our thoughts are with Odette and the family."

BNL and CERN colleagues have collaborated in contributing to a plaque and a tree to be planted in Tel Aviv, Israel, in memory of Iuliu Stumer. Stumer, who was a resident of Wading River and of Tel Aviv, is survived by his wife Odette and her family. — Liz Seubert

Reminder: New HR 'Candidate Gateway'

Job applications will be taken only online. A Help Kiosk is set up in Human Resources, Bldg. 400.

The Human Resources & Occupational Medicine Division ■ has launched a new PeopleSoft Applicant Tracking System as part of its continuing efforts to use the latest technology to improve BNL's recruiting capabilities. This new "candidate gateway" or job application process impact both internal and external applicants.

Says Employment Manager Nancy Sobrito, "BNL recruits in a highly competitive environment. To compete, our systems need to be streamlined and automated, allowing consistent, easy access to job openings as well as instantaneous resumé submission and resumé receipt acknowledgement."

The most significant change in applying for a job at the Lab is that all BNL employees, employee referrals, and external candidates interested in applying for an open position will apply online via the BNL website. Sobrito explains that over the past few years, this functionality has become the standard for wellrespected employers across all industries. "By simplifying the application process and enabling the recruitment team and hiring managers to spend less time on administrative processes and more time on applicants, we will get quality hires for the Laboratory in less time," she says.

Sobrito recognizes that some job applicants may have difficulty with the new methodology. "We have an application kiosk set up in Human Resources and will help any applicant who is not comfortable with computers through the process," she says.

From now on, therefore, BNL employees will access all online job postings via PeopleSoft's Employee Self Service menu. To do this as an applicant, select Recruiting Activities and Careers to view all open positions. Once you have entered a resumé into the system, you will be able to recall it for future use. You will also be able to apply for multiple positions at the same time without filling out duplicate forms.

External candidates and employee referrals will apply via the BNL website. Candidates will be prompted to create a user name and password. Once an external candidate has set up an account, he or she will be able to submit a resumé online.

Brookhaven Awards

made consistent contributions towards increasing the number of minorities and women at BNL. Adept at developing partnerships with internal and external clients, Buck has made outreach efforts and worked with hiring managers which this summer resulted in the hire of 15 diversity students, an excellent step forward towards hiring them for regular, full-time career opportunities. This year, four prior students were hired into positions at BNL. Buck also has a significant history of volunteerism; for example: Big Brother Campus Counselor for 20 years; the Urban League; and mentor with the Little Flower School. In addition, he has been co-chair of the Lab's annual United Way campaign.

James Desmond, a business operations manager II in the Life Sciences Directorate (LSD) is recognized for his steady and insightful handling of financial affairs of the Directorate, an organization which

often falls outside of normal DOE pathways. Desmond is as alert to the rules as he is creative in finding ways to work within them and still get the job done. Performing his role as an advocate for investigators in Life Sciences, while adhering to Laboratory requirements, is very challenging. It often places him in a position of having to develop solutions that appear to fall short of the expectations of those affected. Nevertheless, they are solutions that work. Desmond is very effective at understanding, communicating, and integrating the objectives of all parties concerned. In spite of this difficult role, he consistently tries to find a way to make things work while keeping his good humor. He is known as a true resource for the Directorate.

Susan Pepper, a senior project engineer in the Nonproliferation & National Security Department, is recognized for her many substantial contributions to international safeguards. She has implemented innovative programs that strengthen the effectiveness and efficiency of International Atomic Energy Agency (IAEA) safeguards and address sustainability. During her nine years as Head of the International Safeguards Project Office, she has maintained the confidence of sponsors at the Departments of Energy, State and Defense, and the Nuclear Regulatory Commission. In addition to her technical competence, Pepper must demonstrate sensitivity and understanding to her colleagues in the international and interagency community who are motivated by political, commercial, and bureaucratic concerns. Nonproliferation and international safeguards are among the highest priorities in the U.S. government, and strengthening IAEA safeguards is a major goal of U.S. policy in these areas.

Robert Selvey, Manager for Industrial Hygiene in the Safety & Health Services Division, is recognized for his work on two

major projects, the OHSAS 18001 Registration, for which he was the project manager for Phase II and Phase III; and the development of Industrial Hygiene Baseline Monitoring (IHBM) at BNL. Selvey's efforts were key in enabling BNL to become, in December 2006, the first DOE Lab fully registered to the OHSAS 18001 standard. In addition to assisting line organizations to implement the OHSAS program, he developed and administered the Safety Solutions program, resulting in over 26 safety improvements over three years, and the Sitewide Safety Steward program, in which eight employees were recognized for improving safety — programs credited with stimulating employee involvement in safety. Selvey's work on the IHBM project helps assure that potential exposures of employees to hazards such as chemicals, noise, or non-ionizing radiation are monitored and controls instituted to prevent and minimize exposure.

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Science & Technology Awards

together the world-leading laboratory for atomic-layer synthesis of oxide films and device fabrication using Molecular Beam Epitaxy. Using this facility, he and coworkers have provided the highest quality cuprate thin films for studies by research groups around the world. In addition, in his own studies, he has discovered the "giant proximity effect" and more recently, interfacial superconductivity.

Gianluigi De Geronimo, an engineer in the Instrumentation Division, is being recognized for the development of the Advanced CMOS Microelectronics for Radiation Detector Readout. De Geronimo has been

pivotal in developing microelectronics for detectors with a high sensitivity, surpassing the sensitivity achieved elsewhere. These circuits, with their high density of integration and low noise, have enabled entirely new classes of radiation detectors to be constructed. He is known as a valuable collaborator by scientists within BNL and elsewhere, and has been principal or co-principal investigator on a number of projects in the fields of nuclear and particle physics, synchrotron radiation instrumentation, neutron detection, and x-ray astrophysics. De Gianluigi's work has resulted in more than 70 publications, and numerous presentations and

invited talks at international conferences. He has ten patents and records of invention, and is a regular contributor to the Institute of Electrical and **Electronics Engineers Nuclear** Science Symposia.

Etsuko Fujita, a senior chemist in the Chemistry Department, has significantly strengthened the scientific basis for a man-made artificial photosynthetic process to convert solar energy to chemical fuels through her pioneering work in understanding and advancing the catalysis of carbon dioxide reduction. Her systematic application of catalyst synthesis and advanced methods for determining key reaction pathways

has demonstrated exceptional accomplishment in the face of great scientific difficulty. Her accomplishments span well over a decade, from early 1990s work that has become a cornerstone of the scientific foundation for solar activation of carbon dioxide. to recent innovations in bio-inspired photochemical processes that demonstrate creative new pathways to carbon dioxide reduction. Her efforts have also contributed strongly to growing BNL scientific programs in renewable energy research. Fujita's work thus has significant scientific impact while addressing increasingly pressing national needs for alternative renewable energy sources.

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BNLers Photograph Lunar Eclipse of 2/20

BNLers Phil Harrington and Joseph Rubino submitted spectacular photographs of the February 20 total lunar eclipse. A lunar eclipse occurs when some portion of the earth's shadow falls upon the moon. A lunar eclipse occurs when the sun, moon and earth are in close alignment with the earth in the middle. The eclipse occurs when some portion of the earth's shadow falls upon the moon.



Montage of the total phase that Phil Harrington took through one of his telescopes



Joseph Rubino took these three photos of the eclipse using a 200 millimeter zoom lens on his camera.

New Format for ITD Service Desk Emails

The Information Technology Division (ITD) is upgrading to a new helpdesk trouble ticketing system today, Friday, February 29, 2008. Starting this evening, the format of automated email that this system sends to BNLers will be changing. The new email format will accept replies for users wanting to update their issues. Users that have tickets that were open before February 29, 2008, will still receive the previous-style email notifications for those issues. For more information, see the ITD webpage, http://intranet.bnl.gov/itd.

Ballroom Dance Lessons: New Series Starts 3/5

Three new six-week sessions of weekly ballroom dance lessons, sponsored by the BNL Ballroom Dance Club and given by instructor Giny Rae at a cost of \$30 per person for each session, will start on Wednesday, March 5. The new schedule of lessons is as follows:

Beginner ONLY hustle, 5:15-6 p.m.; beginner/intermediate foxtrot, 6-7 p.m.; and intermediate mambo/salsa, 7-8 p.m.

For those of you who are not familiar with dance, the hustle, the "beginner only" class, is very popular at clubs and weddings. If you have never danced before, this is the perfect place to start.

All classes are held at the North Ballroom of the Brookhaven Center. Lessons are open to all BERA members: BNL employees, retirees, official BNL visitors and their immediate families (spouse and children). Each BERA member may bring one guest.

For more information contact: Arup Ghosh, Ext. 3974; Vinita Ghosh, Ext. 6226; Donna Grabowski, Ext. 2720; Gail Donoghue, Ext. 2838; or Kathleen Tuohy, Ext. 3845.

Staff Development Courses, Spring 2008

The Human Resources & Occupational Medicine Division has scheduled the following courses for spring 2008:

mas semeatica tire	ionoving courses for spring 2000.
March 4	Intervention*
March 5 & 6	Effective Supervision*
March 12	Exceptional Customer Service
March 17	Legal Issues in Supervision, Part II*
March 18	Positive Personal Change
March 27	Coaching & Counseling
April 3	Interpersonal Managing Skills*
April 8	Memory Enhancement
April 9Ho	w to Manage Projects and Meet Deadlines
April 17 Goal	Planning & Appraising Job Performance*
April 29	Emotional Intelligence
May 6	Conducting an Effective Interview*
May 8	Emotional Intelligence
May 22	Multi-Tasking in a Time-Challenged World
May 28 & 30	Power Presentations
May 29	Creativity and Innovation
June 8	Time Management
	*Supervisory and Management Courses

If you are interested in attending any of these courses, visit the HR website for course and audience descriptions. A Request for Training form is available at www.bnl.gov/HR/staffdev/Staff%20Development%20site.asp.

Eric Forsyth Sails to Antarctica: Film, 3/4

The Brookhaven Retired Employees Association will sponsor the premiere of Eric Forsyth's one-hour film about his sailing trip from Long Island to Antarctica aboard his 42-foot yacht, *Fiona*. The film will be shown on Tuesday, March 4, at noon in Berkner



Hall. For syth (shown at Greenwich Island, Antarctica) is a retired electrical engineer from BNL. He will be on hand to comment on the film and answer questions from the audience. The event is free and open to the public. All visitors to the Lab age 16 and over must bring a photo ID.

BERA-IAA to Hold 'Holi,' Festival of Colors, 3/22 Indian cultural performers requested



Priyanka Tope, the daughter of an ex-BNL employee, is performing an Indian classical dance, "Bharatnatyam."

The BERA Indo American Association (BERA-IAA) will hold its annual Holi Function— the Festival of Colors— on Saturday, March 22, starting at 2 p.m. at Berkner Hall. The program will consist of contributed songs, dances, instrumental music, etc. All are invited to attend and to contribute any of these or other activities related to the culture of the Indian subcontinent.

Holi, also called the "Festival of Colors," is a spring festival celebrated over a two-day period in Northern India and Nepal, while West Bengal celebrates it as Boshonto Utsheb. On the second day of Holi, people spend the day throw-

ing colored powder and water at each other. The spring season, during which the weather changes, is believed to cause viral fever and cold. Thus, the playful throwing of the colored powders has a medicinal significance: the colors are traditionally made of Neem, Kumkum, Haldi, Bilva, and other medicinal herbs prescribed by doctors. Around the same time, New Year is ushered in by celebrating Ugadi in the Deccan region of India, and Vaisakhi in the southern and western India.

The Holi festival organized by the BERA-IAA on March 22 celebrates all these events with songs, dances, instrumental music, and more. The performances are by both amateur artists who have just started learning and some by significantly accomplished artists who have been learning for a number of years.

All reservations to attend and request to perform must be made at www.bnl.gov/bera/activities/iaa/Holi2008/.

Ticket prices for advanced reservations are \$5 for adults (12 years and older) and \$2 for children (3 to 12 years, under 3 free). Ticket includes the cultural program at Berkner Hall and a snack of samosas and pizzas at the Recreation Hall in the apartment area.

Important dates:

- Last date for making a request to perform, March 1
- BERA-IAA decisions on who will perform, March 8
- Last date to purchase tickets at the regular price, March 15
- Last date to cancel tickets, March 20.

Arrivals & Departures

Arrivais –		
Peggy Caradonna	. Plant Eng	
Lynn Cohen	EENS	
Ashley Conway	Medica	
King Wilson	NSLS-I	
Departures —		
Jennifer Clodius	CEGPA	
Angelo Dragone	NSLS	
Patrick Sullivan	EENS	

Bulletin Archives, Service Ads

Read previous issues of the Bulletin at www.bnl.gov/bnlweb/pubaf/bulletin. For a list of services provided by BNL employees, on the external homepage. link to "Bulletin" then "Classified ads."

Hold That Date — 6/4 BREA Annual Luncheon

"Hear we go again!" declares Flo O'Brian of the Brookhaven Retired Employees Association (BREA) Luncheon Committee. The fifth Annual BREA Luncheon will be held on Wednesday, June 4, at the Three Village Inn in Stony Brook. Information on how to reserve will be announced shortly.

"Come and join in with friends or come and meet friends," says O'Brien. "We have good food and great company, and every year, the luncheon is as much fun as the year before. Don't miss it."

Women's History Month Program Presenting 'The Extraordinary Self', 3/5

In honor of Women's History Month, an interactive presentation by Search World, Inc. titled 'The Extraordinary Self Program' will be sponsored by the BNL Diversity Office and Brookhaven Women in Science on Wednesday, March 5, at noon in Berkner Hall. All are invited to attend the 60-minute discussion by Shirley Singletary, CEO of Search World, Inc. and Diane Kramer, President of PeakSkills Learning Systems and originator of the Extraordinary Self Program. This interactive self-actualization program provides participants with ideas on how to develop their abilities and overcome obstacles to success. For more information, contact Kathleen Walker, Ext. 7105 or kwalker@bnl.gov.

CALENDAR

- THIS WEEKEND -

Saturday, 3/1

Chinese Lunar New Year Party

1:30-7 p.m. Recreation Hall. The Chinese Students & Scholars Club invites you and your family to a celebration for Chinese Lunar New Year and the Lantern Festival. Program: games, Chinese buffet, and Party Show. Tickets are \$6; \$3/child. Register ahead with Lihua Zhang, Ext. 3512, lhzhang@bnl.gov, or Weiming Guo, Ext. 4403, wguo@bnl.gov.

Sunday, 3/2

*Trip to Art Expo, NYC

9:30 a.m. Some seats remain on the coach leaving B'haven Center for the International Art Expo at Javits Center at 34th St. West in Manhattan. Either attend the great art/sculpture show or take time in the city to do as you please. Tickets, \$20/ person, are at the BERA Store, Ext. 3347 (open weekdays until 3 p.m.). Depart NYC at 5 p.m.

- WEEK OF 3/3 -

Tuesday, 3/4

*Forsyth Film on Trip to Antarctica

Noon. Berkner Hall. Eric Forsyth will be on hand to comment on a one-hour film on his recent voyage. All are welcome to this free event, open to the public. Visitors of 16 or over must carry photo ID. See above, left.

Thursday, 3/6

National Instruments Demo

10:30 a.m.-2 p.m. Berkner Hall lobby. National Instruments representatives will show the latest in computer-based measurement and automation technology, including demos of LabVIEW and instrumentation platforms such as PXI and compactDAQ. Contact Robert Berger, (516) 507-7001, for more information.

- WEEK OF 3/10 -

Wednesday, 3/12

*BSA Distinguished Lecture

4 p.m. Berkner Hall. Thomas Lovejoy, Heinz Center for Science, Economics, & the Environment, will speak on "Climate Change: Prospects for Nature." All are welcome to this free talk, open to the public. Visitors of 16 or over must carry photo ID. See page 1.

— WEEK OF 3/17 —

Wednesday, 3/19

BSA Noon Recital

Noon. Berkner Hall. Paul Galbraith will interpret works by Bach, Haydn, Brahms and Debussy, along with his own arrangements of folk tunes from around the world, on his eightstring Brahms guitar. All are welcome to this free concert, open to the public. Visitors of 16 or over must carry photo ID.

434th Brookhaven Lecture

4 p.m. Berkner Hall. Edward O'Brien, Physics Department, will speak on a topic to be announced. All are welcome to this free talk, open to the public. Visitors of 16 or over must carry photo ID.

Saturday, 3/22

*BERA-IAA Holi, Festival of Colors

2 p.m. Berkner Hall. The BERA Indo American Association will celebrate the annual Holi festival with song, dance, and instrumental music showing the culture of the Indian subcontinent. Tickets of \$5/adult, \$3/child, include a snack of samosas or pizza at the Recreation Hall. See www.bnl.gov/bera/activities/iaa/Holi2008/.

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.

Use Caution at Main Gate Intersection

A message from William Chaloupka, Chair, BNL Traffic Safety Committee

In response to Laboratory concerns about dangerous traffic backups outside the BNL Main Gate on William Floyd Parkway and Longwood Road, Suffolk County Highway Department traffic safety engineers have replaced the traffic signals and master controller at that intersection and implemented new sequencing.

The new traffic signal controller is a sophisticated computer system that will adjust the light sequencing to time of day as well as to current traffic volume, so the sequence may change without warning.

As a result, when entering or leaving the Lab through the Main Gate, use caution. The lights nearest you when you exit the Lab may be red, while across William Floyd, near Longwood, the light may be green. Be sure to stop at the red light on the BNL side. The same situation may occur in reverse when you are coming out of Longwood to cross to the Lab. Where-ever you are, make sure you check and obey the traffic light nearest you, and check again when you reach the next light. Remember: don't learn safety by accident!

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. Each week, the Human Resources Division lists new placement notices, first, so employees may request consideration for themselves, and, second, for open recruitment. Because of the priority policy stated above, each listing does not necessarily represent an opportunity for all people. Except when operational needs require otherwise, positions will be open for one week after publication. For more information, contact the Employment Manager, Ext. 2882. Access current job openings on the World Wide Web at www.bnl.gov/HR/jobs/.

To apply for the following positions, go to www.bnl.gov. Select Careers at Brookhaven" and then "Employment Opportunities."

OPEN RECRUITMENT – Opportunities for Lab employees and outside candidates.

COUNTERINTELLIGENCE OFFICER (M-- Requires a bachelor's degree in a related field required; master's degree desirable, and at least 20 years' experience in intelligence, counterintelligence, or criminal investigations at the Federal, state, or local government level. Some management or program experience in counterintelligence or a related field is required, as is considerable skill in interview techniques and oral and written communications. Experience in developing and conducting training and briefing programs, modern computer skills, and familiarity with word processing, secure data bases, presentation, and e-mail applications are necessary. Must successfully complete a rigid background check to include a limited-scope polygraph examination concerning National Security issues, U.S. citizenship and the ability to obtain and maintain DOE "Q" and "SCI" Access Authorizations is required. Candidates successfully competing for this position may be requested as a precondition to an offer of employment to submit to the above polygraph examination. Conducts briefings and debriefings of travelers to foreign countries, hosts of foreign national visitors and assignees, and employees with significant foreign national interactions. Conducts CI Awareness training for all categories of employees. Coordinates with and assists the U.S. Intelligence Community members in queries and investigations. Provides assistance and support for activities of CI concern within the Unclassified Foreign Visits and Assignments, Official Foreign Travel, OPSEC, Information Security, Security Education and Awareness, and Personnel Security Programs. Responsibilities include developing, implementing, managing, enhancing, and maintaining all required elements of the Counterintelligence Program for the NRCO, focusing on the Lab for Laser Energetics (LLE) at Rochester University and the Princeton Plasma Physics Laboratory (PPPL) at Princeton University. The CIO will travel frequently to LLF, PPPL. and BNL and will be expected to operate successfully in an independent environment. Initial training will be conducted at BNL. Upon completion of training, the CIO will primarily work out of LLE at Rochester, NY, and PPPL in Princeton, NJ. Counterintelligence Office. Apply to Job ID # 14379.

SENIOR PROJECT ENGINEER (P-10) - Requires a BS degree in electrical engineering and minimum of 15 years of outstanding technical leadership in the design and development of complex precision analog and digital control systems for use on high precision power supplies. The successful candidate must possess the ability to utilize new or improved engineering techniques, procedures or equipment and have strong design and troubleshooting skills to develop, design and evaluate plans and criteria for a variety of highly complex electrical engineering projects for NSLS-II. Experience with electronic circuit analysis software and hardware development systems for FPGA and microcontrollers are essential. The successful candidate should be experienced in circuit board design and knowledgeable in reliability criteria as it pertains to circuit board and small chassis designs as well as familiarity with thermal management techniques for precision analog circuits. Reports to the head of the Electrical Engineering Group. National Synchrotron Light Source II. Apply to Job ID #14381.

SENIOR HUMAN RESOURCES REP-RESENTATIVE (Benefits Administrator. A-6) - Requires a bachelor's degree and at least four years' experience that includes retirement and disability benefits, plan-filing requirements, and customer relations in a benefits office, consulting, or insurance environment. The ability to work in a fast-paced environment, handle high call volume, and work independently in a confidential and discrete manner is required. Proficiency in Word and Excel is essential; knowledge of PeopleSoft HR and PowerPoint is a plus. Responsibilities include administering numerous aspects of 401(a), 401(k) and deferred compensation retirement programs, including determining plan eligibility, conducting enrollment meetings, counseling employees on retirement options, withdrawals and loans, assisting with non-discrimination testing, QDRO requests, 5500s and SAR requirements; administering disability programs including eligibility, counseling, claims submissions and W-2 information; review COBRA, database and life insurance administration; and assisting with FAS106 valuations. Benefits Office/Human Resources & Occupational Medicine Division. Apply to Job ID # 14380.

SENIOR TECHNICAL SUPERVISOR (T-7) - Requires an AAS degree in electronic technology or equivalent, plus at least 15 years of relevant work experience with a minimum of 10 years as a supervisor directing the work of a large technical work force during the construction and commissioning of a major accelerator facility in the areas of high precision power supplies, computer control systems, and production test equipment for magnets is required. The successful candidate will supervise a large staff of technicians and bargaining unit staff during the construction and commissioning Work Control Coordinator and Electrical Equipment Inspector for the group. Must know how to apply PPE as per NFP A 70E and be well versed in all aspects of electrical safety. Experience with Microsoft Project database programs and spreadsheet software is highly desirable. Must be able to interface with other groups and have good communication skills. Reports to the head of the Electrical Engineering Group. National Synchrotron Light Source II. Apply to Job ID # 14382.

SENIOR TECHNICAL SPECIALIST (T-3) - Requires an AAS degree in electronic technology or equivalent, plus at least six years of relevant work experience with analog/digital electronics, computers, and standard test equipment (function generators, oscilloscopes and multi-meters). The successful candidate will construct, troubleshoot, and repair electronic equipment utilizing schematics, amd verbal instructions, and will assemble chassis using basic mechanical

fabrication techniques. Must be self motivated, able to work with minimum supervision, and have good communication skills. Basic machine shop skills are required. Experience with and knowledge of automated test equipment used in production magnet testing, power supply controls, spreadsheet software, magnetic measurement systems, and machine shop certifications is highly desirable. Will report to the Sr. Technical Supervisor, Electrical Engineering Group. National Synchrotron Light Source II. Apply to Job ID # 14383.

SENIOR TECHNICAL SPECIALIST (T-3) Requires an AAS degree in electrical technology or equivalent, plus at least six years of relevant work experience in electrical assembly and wiring of complex systems. The successful candidate will construct, wire, and repair electrical equipment utilizing schematics, verbal instructions and assemble chassis using basic mechanical fabrication techniques. Computer skills and knowledge of standard test equipment (Hypot, multi-meters, and micro-ohm meters) and basic machine shop skills are required. Must be self motivated. able to work with minimum supervision and have good communication skills. Experience with automated test equipment used in production magnet testing, previous experience in wiring magnet assemblies, and machine shop certifications are highly desirable. Will report to the Sr. Technical Supervisor, Electrical Engineering Group. National Synchrotron Light Source II. Apply to Job ID #

Motor Vehicles & Supplies

06 HONDA CIVIC - 2 dr, orig, a/t, anti theft sec. & LoJack, well maint., http://bubumannus.googlepages.com. 30K mi. \$16,000. Ext. 3747.

04 CONTINENTAL CARGO ENC. TRAIL-ER - 5X10, White, 15" wheels, spare tire, rear barn drs, side dr, like new. \$1,595/ neg. Kenneth, Ext. 7268 or 928-1254.

00 FOREST RIVER CHEROKEE 275B - 30' 5th wheel trailer, mid-profile, bunks, big slide,all opts,see on rvsearch.com in NY. \$9,995. Ext. 7160 or 929-8294.

00 FORD EXPEDITION - 5.4L, awd/4wd, tow pkg., keyless ent., rem. strt, lthr, 3rd row seat, rear a/c. 134K mi. \$6,500/neg. Ext. 7277.

99 DODGE PICK UP - xtra cab, V-10 Viper mtr, Am. racing whls, sprt pkg, Posi trac, all pwr, new shocks, tires, leather int. 100K mi. \$10,500/neg. 516-383-0060.

99 ISUZU RODEO - 4wd, 6 cyl, at, a/c, cass/cd, c/c, p/l, pw, 1 orig. owner, dlr maint., excel cond., 19/24 mpg. 117K mi. \$4,500/neg. Ext. 3492 or 734-2593.

99 TOYOTA COROLLA-LE - a/t,a/c, p/w, abs, c/c dealer maint, all records, v/gd. cond., new tires, brake, batt., exc. gas mi. 93K mi. \$4,950/neg. Ext. 4290 or 775-6114.

96 CHEVY S10 BLAZER - gd. shape ready to go! auto start, alarm, 10 disc cd player. 137K mi. \$2,000/neg. Joseph, Ext. 2386.

96 CHEVY CAVALIER - a/t, 4 dr, gd. cond. 123K mi. \$2,200/neg. Jay, 790-7017.

93 HONDA ACCORD - ex 4dr., 5 spd., blk, runs v/ well, 25/31 m/g, just passed NY state inspct., windows need work. 129K mi. \$800/neg. Weiming, Ext. 4403.

Boats & Marine Supplies

23' RENKIN W/A CUDDY - '85 rebuilt 350 eng. in '9. w/trailer, needs TLC. \$500/neg. Joseph, Ext. 2386.

27' C&C 27 MK1 - recent WB winner, fully equip. for racing/cruising roller furl, ad. \$10,500/neg. 298-7022/335-7173.

Furnishings & Appliances

DRESSER - pine, 3+2 drawers, \$30; kitchn shelf, 3-tier, metal, w/rollers, \$25; girl's wood tw. poster bed; photos avail. Ext. 4340.

WALL UNIT - 3 pc, washed oak, 76hx 82w total, glass drs, lighted, cd/TV storage, pics avail., \$175/obo. 734-2593.

WASHER/DRYERS - older heavy duty, work well - \$50/ea/obo; newer dryer used 1 yr., orig/\$300, ask/\$150. Ext. 4884.

BERA Trips

Sunday, March 2. Some seats remain for the coach trip to the New York International Art Show at Jacob Javits Center — or do-asyou-like trip in the city. \$20 per person includes entry. Depart the Brookhaven Center at 9:30 a.m., depart New York City at 5 p.m. **Saturday, May 17**. Fishing with Captain Bob in Mattituck. Meet at the dock for a day of fishing for doormat fluke and other fish. \$60 per person includes bait & tip.

Daffodil Days, Delivery Week of 3/10

BERA will again sell daffodils to benefit the American Cancer Society, proceeds to be used to help in the fight against cancer. The donation is \$10 for a bunch of 10 fresh-cut daffodils. Your prepaid order can be made at the BERA Sales Office, weekdays, 9 a.m. – 3 p.m. Delivery will be made during the week of March 10.

Parlez-vous Français? Do you Speak French?

Would you like to learn or practice speaking French? The Language Interchange Program organized by BNL's English for Speakers of Other Language (ESOL) program presents French lessons in the Recreation Hall upstairs classroom. A beginner-level group meets on Tuesdays at noon; an intermediate-level group now meets on Thursdays at 5:30 p.m. Tutoring the classes will be Galina Polyanskaya of Russia, who holds a diploma to teach French from the Université de Lausanne, Switzerland. For more information, contact ESOL Program Coordinator Jennifer Lynch, jlynch@bnl.gov.

Audio, Video & Computers

PALM PILOT TUNGSTEN C - gd. working cond., case, 128M SD chip, game SD, many other xtras orig/\$399+, ask/\$125. Don, Ext. 2253 or 821-3320.

RECORDPLAYER & RADIO - c1960, Magnavox, fair, \$50; RCA recordplayer & radio, c1950, fair, \$50; HP deskjet 840C printer, \$25. 727-0911.

SLIDE & PHOTO SCANNING SERVICE - www.pictureperfectscans.com scans slides, prints, negatives & restores them to their orig. glory, delivered on DVD, music slideshows avail. 928-6469.

SONY WEGA 36 - w/matching stand, silver, standard definition, 2 tuner PIP, 5 A/V inputs. \$400. Ext. 2492.

SUBWOOFERS - pair Atlantic Technology, Pbm 70 subs self pwrd. 125 watts 10" woofers, pr only \$175 weigand@bnl. gov. Edward, Ext. 7160.

Sports, Hobbies & Pets

ELECTRONIC DARTBOARD - Halex w/ wood cabinet, new in box, \$30. 816-9472.

TREADMILL - cross trainer 535 gd. cond., 10 mos. old, pd/\$565, ask/ \$450. Ext. 4863.

Tools, House & Garden

SAW HORSES - 28", I x 3, 1/2"w, mtl folding legs, \$30; buckhorse 47", Ix3 1/2"w, mtl legs, \$40; 3 in 1 woodchuck, new/\$15. Ext. 7647.

Miscellaneous

GRILL - char-broil gas grill, used 1 season, \$30. Elaine, Ext. 3830.

GUMBALL MACHINE - 38"tall, red and black, like new, ask \$20. 281-4459.

MEDICAL EQUIPMENT - walker, white shower chair, grey shower bench, pictures avail.; reasonable b/o. Ext. 4340. MOBILE HOME - 2 bedroom, older mod-

MOBILE HOME - 2 bedroom, older model, 55 & over park, application for tenancy req'd, \$10,000/obo. Walter, 369-6397. SHARP WIZARD ORGANIZER - Personal

Info Organizer MdI 02550 256 KB w/Money Management Features, ask \$25. 281-4459. THE CALORIE KING FAT & CARB - counter '06 edition, like new, \$4. Ext. 5322

TICKETS, JERSEY BOYS - Aug 6, 8 PM Orch. G 9 & 11. August Wilson Theatre 245 W 52 St. \$240/pair. Michael, Ext. 7941.

WEDDING GOWN - white, G. Vanderbilt, straight, beaded, sleeveless, w/train, sz 4, must clean. Ask \$150, pd \$800. 281-4459.

Community Involvement

BRACELETS - detachable bracelets for diabetic I.D. tag. custom made, proceeds go to Juvenile Diabetes Foundation, call for info. Diana, Ext. 5123.

Happenings

CHINESE AUCTION - Fundrasier - Patchogue Manor, April 12, Good food and lots of fun! \$40pp. Maria, Ext. 4961.

DINNER/SHOW - June 14, Sight n Sound Theatre in PA to see *Abraham and Sarah*. \$90 pp. Kim, Ext. 7465 or 399-3098.

DINNER/SHOW OUTING - June 14th. Sight n Sound Theatre in PA. "Abraham and Sarah". \$90pp. Call for info and reservations. Kim, Ext. 7465 or 399-3098.

Free

BABY's ITEMS - High Chair, bouncer, walker, toys. You pick up. Yugang, Ext. 3485.

TREADMILL - Weslo Cadence, older model, runs well, pick up at my home. Ext. 4340.

Wanted

LAWNMOWER - and lawn maint., supplies free or low cost, in gd. workg cond. Ext. 8593.

MUSICIANS - Jazz musicians/students for Mon. evening jams. Ext. 7657.

WHEELCHAIR - Standard, Wide-Width. 631-821-1271.

For Rent

CENTER MORICHES - spacious 1 bdrm apt., prkg., priv. ent., prime location, int./ cable/all util. incl., no smkg/pets. \$1,100/mo. Frances, Ext. 3177.

JUNO BEACH, FL - 2 bdrm, 2 bath, furn. condo, gnd flr, handicap access, 1 blk to ocean beach, shaded lake walk, nr child playgnd, util incl. \$2,400/mo./neg. Ext. 3297.

MIDDLE ISLAND - 2 bdrm apt w/patio, avail 3/15, prof. managed, pvt ent., heat, gas, water incl. laundry, exercise rm in complex. \$1,200/mo./neg. 294-2484.

NORTH PATCHOGUE - rm(s) in elegant house w/ sec. alarm & prkg., pvt/ent, furn'd, incl util, shared kit/bath, min. 3 mo. stay. \$500/mo. 447-6899.

PORT JEFF STATION - mint 3 bdrm., 1 fb, new sit-down kit., Ig I/r, priv. ent. & prkg., grt. n'borhood, apt. on top flr. of home, incl. all util. \$1,850/mo. Brian, 484-7439.

PORT JEFFERSON STATION - sunny upper flr. 1 bdrm, walk in closets, lg & clean, walk to LIRR, shops, avail. around April 1, \$900/mo. 474-4675 or 473-3128.

RIDGE - new one bdrm apt, Ir, kitchenette, full bath, walk-in closet, pvt ent, no smokers/pets, 5 min to Lab, \$1000/mo. incl. all. Rex/Laurie Aguirre, 924-0027.

ROCKY POINT - 2 bdrm., Ig. I/r, kit.n w/breakfast bar, d/w, d/r, w/ glass slider to patio, w/d. \$1,250/mo. Joann, 278-1529.

SHOREHAM - 1 lg bdrm, office, fully carpeted l/r, kit., full bath, cable, int. access, pvt. ent., no smkg/pets, 8 mi. to BNL. \$1,200/mo. 445-7838.

For Sale

MANORVILLE - new 3 bdrm, 2.5 bath, 2 car gar., 8 ft bsmt., cathedral ceilings, c/a/c, wood burn f/p, oak firs., wrap around porch, \$479,000 928-6955.

QUECHEE, VT - charming 3-bdrm. house, near Dartmouth College, all-season getaway. \$199,000/neg. Jane, Ext. 3482.

SOUTH ROYALTON, VT - 2 homes w/3.5 acres, furn. + extras, priv., 1st home 2 bdrm, 1 bath, finbsmt, gar., wbs, w/d; 2nd home 1 bdrm, 1 bath, bsmt, washer, wbs, pics avail. \$330,000/neg. Jeanne, Ext. 7125.

TUCSON, AZ - Golf and Swim all yr. round, 1373 sq. ft., lo maint, f/p, 11 yrs. young, move-in cond., 85743 zip code, all appli., 2 car gar. \$209,000, Ext. 7777 or 457-3471.

On-Site Services

ENTERPRISE RENT-A-CAR - Stop by the on-site office at Bldg. 355, 50 Brookhaven Ave., to check weekend specials, daily rates. Or call Ext. 4888 or see www. enterprise.com.

ON-SITE SERVICE STATION - Is your NYS inspection sticker yellow? If so, it is likely out of date, and you're at risk for a ticket. NYS inspections, oil changes, new batteries, tires, timing belts, etc., can be done on site while you are at work. Ext. 4034.

NAYYARSONS CATERING - Cafeteria: b/fast: wkdays, \$2.99 up; see link on BNL homepage or Ext. 4636 or 3541; B/haven Center - full menu dinners 5-8 p.m.; specials 5-6:30 p.m. 3-course, wine/soda, coffee, \$10.95 or \$9.95 (no take out); all plus tax.

