

# Particle Post January 2006

*A New Year's resolution is something that goes in one year and out the other. ~Author Unknown*

To review previous issues

## A Note From Our Chairman

The past year was a roller coaster affair when it came to RHIC funding. Fortunately we will be able to run a physics program despite the horrendous Presidential budget. Praveen Chaudhari was able to find new sources of funding for a polarized proton Run 6. Run 6 is expected to operate for 20 weeks. We will be hearing details from him at some later date. In the meanwhile we are rapidly bringing all the systems into operational mode. The schedule can be found at: <http://www.rhichome.bnl.gov/SchedPhys/FY2006/>

We expect to start the AGS for snake commissioning on January 16 and beam in RHIC on February 6 (Blue ring) and February 13 (Yellow ring). A word of caution. Funding will still be tight and we have to be careful about our energy consumption and purchases.

We have now worked over 1 year without a lost workday. Congratulations to everyone for this superb performance. The challenge is to do it again and be totally accident free over the year. We have to be especially careful during the winter season to avoid the slips and falls that come with the ice and snow.

Besides RHIC operations, we are making superb progress in our EBIS construction, electron cooling r&d and eRHIC design. This month the Machine Advisory Committee will be reviewing our electron cooling program. In addition, we are actively involved in designing, and expect shortly to start the construction of, a proton medical synchrotron facility for an industrial corporation. More on this when we start the construction phase. We have agreed to support the NSLSII design effort under Satoshi Ozaki. Also more on this in another issue of the Particle Post.



*Derek Lowenstein*

## Administration

As anticipated, the Laboratory's December Financial plan reduced Nuclear Physics funding for C-AD by \$8,347,000. Several cost saving initiatives addressing power consumption, trade labor, ES&H support services, waste management and space utilization were kicked into high gear. Additionally, C-AD personnel were asked to hold all non-essential RFQ's, Work Orders, web requisitions, credit card orders and stores withdrawals for

## RHIC Operations project numbers.

And then . . . on December 23<sup>rd</sup>, news of a privately funded \$10M proposal for collaborative research at the RHIC Facility was announced and we were once again thrown into preparations for RHIC Run 6. Operation of the cryogenic facility is planned for 18 weeks beginning February 1. With power costs estimated at \$100 MWH, we must continue to exercise fiscal restraint by limiting purchases to those essential to support the run. Some cost saving measures must now be reversed. However, some; such as, reductions in occupied space and monthly reviews of planned preventive maintenance by trades personnel, will generate perpetual savings. It is also hoped that what we have learned about our power usage will enable us to enact measures to reduce consumption during the run.

The FY 2006 update to the Project Desk Reference is complete. The desk reference is intended for use by C-AD and SMD personnel and is organized in tabbed sections to provide authorization protocols, lists of valid project and activity numbers by program and/or funding category, and signature authority by project number. A description of the functions performed by the Administrative Group is also included. The final sections provide a reference for the attributes of each project number; such as, DOE Budget and Reporting (B&R) classifications and fund types, as well as various other codes used within the PeopleSoft accounting and budget system. The updated desk reference was distributed to supervisory personnel, the first week of January. If you did not receive a copy and wish one for your personal use, please contact Marie Gavigan on extension 5894.

Electronic time card entry has become a part of the Laboratory culture, Or has it? Ask yourself, "How often do I enter hours worked on my electronic time card?" Recent samplings indicate that nearly 60% of employees do not access their monthly time card prior to the due date. As it is thought that greater accuracy is achieved with more frequent entry, the practice of monthly entry is of concern to management. The BSA Board is strongly urging BNL to enforce a policy of weekly entry. Supervisors should consider requesting their employees to enter hours weekly. This not only provides a financial heads up for the admin folks, but facilitates the monthly closing process in the event of unanticipated absences on the date time cards fall due.



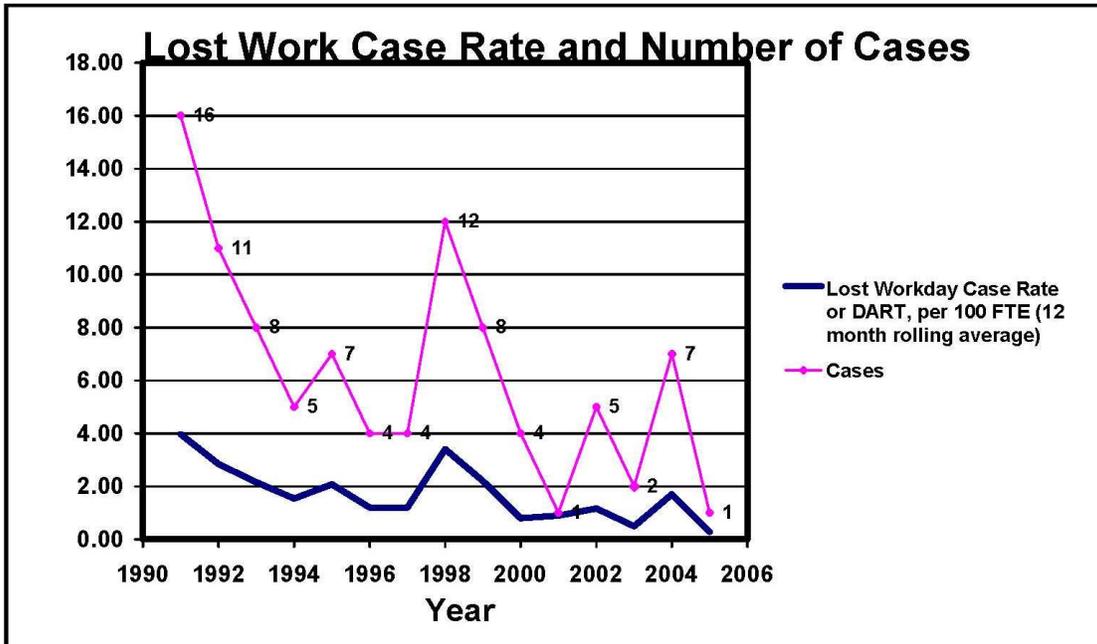
*Stephanie LaMontagne-McKeon*

## Machine Update

Ever since we received good news about the operating budget, the overall focus of machine operations has rapidly shifted from planning for a long shut-down to immediate and intense work to get all systems ready for Run-6. The pace of the upcoming run is undeniably already felt in all buildings, meeting rooms and MCR. So far the work has focused on the start-up of the injection systems, after the necessary equipment check-up and set-up, for polarized protons operations. The start of around the clock machine operations is planned for January 16, when the AGS set-up with 2 snakes will start. The ambitious goal of this year development with both the cold and warm snakes is to achieve ~65% polarization at AGS extraction to insure the final goal of ~60% polarization in RHIC. By the way, on the RHIC front, activity is up as well. The 80 K cool-down has started this week and the cool-down to 4.5 K is planned for the beginning of February. If all goes well, this timeline is consistent with having physics starting at the beginning of March after a couple of weeks of RHIC machine set-up and luminosity optimization. The RHIC dry run, the integrated system and controls test without beam, is planned for the week of January 23 under the watchful eye of Vadim Ptitsyn, this year RHIC Run Coordinator. Good Wishes to him, Haixin and all of us in CAD for successful polarized proton run!



**Fulvia Pilat**



### C-AD Occupational Injury Statistics

	For Year 2004	For Year 2005
First Aid Cases	5	1
Recordable Cases	11	4
Lost Work Cases	4	1

**REMINDER: TLD exchange is done the FIRST FRIDAY of the Month.**

**NEXT EXCHANGE:** Have your TLD on its assigned badge board by

Friday, FEBRUARY 3, 2006

Pete Cirnigliaro



Dave Cattaneo, Preinjector Systems, retired on Friday, December 30. Dave had been working for the Laboratory for over 28 years. Good luck on your new beginning.

Tom Clifford, Controls Division, retired on Friday, December 30 after more than 32 years of service. Tom had been an employee since June 1973 but he truly began his career here when he started in August 1969 with a Guest appointment. Tom will also end his career with a one-year guest appointment.

Russ Grandinetti, Water systems Group, will be retiring on Tuesday, January 31. Russ has been working with us for over 14 years. We wish you success on your new endeavor.

Don Lazarus, Physics Support Group, retired Friday, December 30. Don has been with us for over 36 years and will continue with a two-year guest appointment.

Y.Y. Lee, Accelerator Physics Group, will be retiring on Tuesday, January 31. YY has been with us for over 34 years working on many scientific projects. You will be truly missed.

Siegfried Naase, Instrumentation and Beam Components Group, retired after over 39 years of dedicated service on December 30. We wish you well.

Ed Quimby, Cryogenic Systems Group, retired Friday, December 30 and will be given a two-year guest appointment.

Emil Varrichio, Cryogenic Systems Group, also left on Friday, December 30. We wish you the best.



Science and Technology Award recognizes distinguished contributions to the Laboratory's science and technology mission over a period of one or more years. We are pleased to announce that Jim Alessi has received this award for leading high intensity source development at Brookhaven for the last 20 years with exceptional results. He has made groundbreaking contributions to the development of intense negatively charged hydrogen ( $H^-$ ) beams, both unpolarized and spin polarized, for use at the AGS and RHIC facilities. Jim has also been instrumental in the development of the BNL Electron Beam Ion Source (EBIS), in his role as the coordinator of the project to replace the present tandem pre-injectors for RHIC operation, with a modern, compact design based on an EBIS. Even in its development stage the BNL EBIS has already surpassed the

performance of any other device by more than an order of magnitude. It is the first significant towards the next generation of RHIC performance, RHICII.

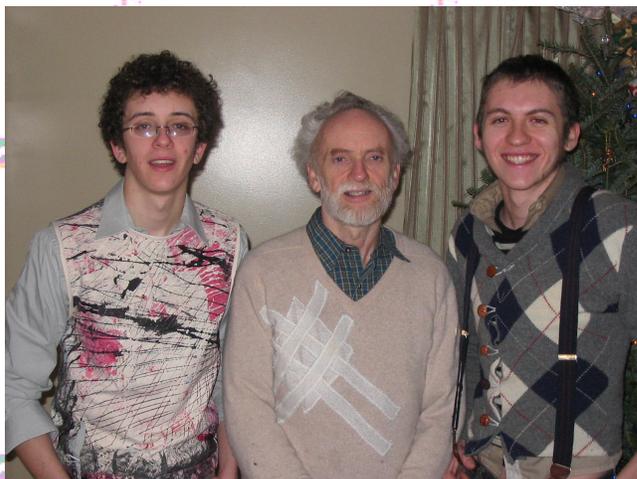
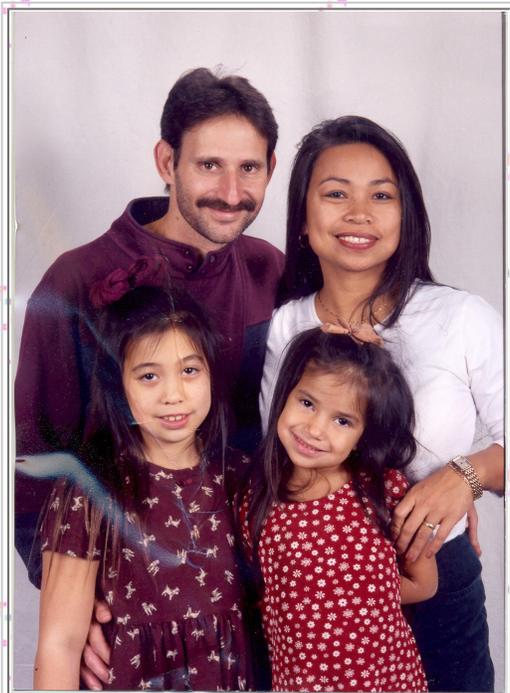
**Engineering Award** recognizes distinguished contributions to the engineering and computing objectives of the Laboratory over a period of one or more years. We are pleased to announce that **Jon Sandberg** has received this award for consistently being the electrical engineer who tackles the toughest assignments, personally or through the engineers in his group. He works on very unique high voltage, high current, fast pulsed power supplies that often push the state of the art. The systems that Jon has worked on have minimal design margin because of the requirements put forth by the scientific staff: the conductor has to be thinner for beam clearance, the pulse has to be faster and flatter for clean extraction, the voltage has to be higher for better particle separation, etc. Jon has quickly brought prototype systems to operating status and carefully and methodically improved their performance beyond the expectations of his customers. Throughout his career here, Jon has been a leader in the Department and the Laboratory in implementing and maintaining safe designs and operations.

**Brookhaven Award** recognizes key contributors in support areas whose performance and achievements represent outstanding service to the Laboratory. We are pleased to announce that **Ray Karol** has received this award for leading the C-AD ESHQ Division staff and effectively managing their resources to ensure excellent service. His efforts have led to: updated authorization documents such as Safety Assessment Documents and Accelerator Safety Envelopes, five ISO14001 registration, two OHSAS18001 registrations, reduced occupational injuries and lost-work cases year after year, updated safety-related procedures, the implementation of Integrated Safety Management (ISM), and reduced occurrences. Ray has cross-trained his ESHQ personnel in order to improve efficiency and to maintain qualified staff throughout the year. During his five years working here Ray has continued to learn by obtaining a Master of Science Degree in Health Physics. Ray has maintained cooperative relationships with colleagues in the User community and within the Laboratory. He provides assistance, shares information and enables success in his staff's work assignments. He helps others to succeed. He always seeks to constructively resolve issues and conflicts by suggesting win-win solutions with workers before raising them with their supervisor. He helps foster worker-based solutions to ESHQ issues. Ray has high standards for listening, helping, learning, cooperating and implementing. He is an excellent manager of people and tasks.



**Al Della Penna, Jr.** has worked at BNL for over 24 years! Since Al has been with us he has worked on numerous projects like LARP, base band system PPL, and Schottky. The PLL system has undergone numerous changes over the past five years at RHIC, tracking the "tune" of the machine. Before Al came to us he worked for places like ISABELLE, AGS, and the Instrumentation Division where he worked on calorimeter for CERN's SPS. Al was in the design group when we designed detectors for both BNL and CERN. Before Al's employment at BNL he was a Navy diver, stationed in the Philippines, it was there that he met his wife Susan, and learned to skydive. In the summer months you can usually find him every weekend skydiving. He and Susan have 2 terrific daughters; Kimberly, 15 and Alexandria, 12 who are both honor students and great skiers. Here is a photo of Al with his family and another of Al skydiving with his nephew Christopher Chernis (his first time) who has just left to serve in Iraq. Chris' dad used to work for BNL.

The Particle Post would like to wish all of our service personnel a safe, healthy, and speedy return home.



The Brennan Family has much to celebrate this season. **Mike's** eldest son, **Will** (right), in December completed his A.A.S. degree in fashion design at the Fashion Institute of Technology, and his younger son, **Luis**, has been accepted to the University of Chicago. Will is in the midst of his job search and is considering designing a line of men's arctic weather gear for his brother. Luis is interested in studying physics, especially at an institution with such a rich history in the subject. But with Chicago's liberal arts tradition equally as strong, Luis won't make his commitment just yet.

**Congratulations**





## Business Operations News:

### New Information Available on Electronic Timecards:

1. On the bottom right side of the timecard there is a box titled Leave Balances which lists "Sick Bal:" and "Vacation Bal:" giving a total for each.
2. A new feature just added is a blue "i" (for information). If you click on that button, you will be taken to a detail screen as follows:
  - a. For Sick:
    - i. it gives you the total sick balance as of a certain date; the sick days entered on the current ETR (Electronic Time Reporting) card; your sick accrual; and finally, the month-end projected sick balance.
  - b. For Vacation:
    - it gives you the total vacation balance as of a certain date; the vacation accrual pending and the date expected; the vacation days entered on the current ETR card; and finally, the month-end projected vacation balance

### Reminder on Access to Payroll/Benefit/HR System for Employees to Update W-4 Information, View Current or Prior Paycheck Information and other Personnel Data:

At this time of year, it may be time for many of you to consider making changes to your W-4 information for the coming tax year. You may also wish to review some important payroll or benefit information. As a result, I thought it might be helpful to remind all of you how you can access your information on the PeopleSoft Payroll System.

#### To Access the system follow these instructions:

1. From the BNL Home Page, on the left hand side, select the menu item for PeopleSoft HR.
2. You will be taken to a screen asking for your User ID and Password. Your User ID is your Life Number. Enter your user ID and password and click on sign in. If you do not remember your password, follow these instructions:
  - a. Click on "Request/Forgot My Password"
  - b. (You will be asked to enter your User ID (which is your Life #) and you will have to confirm your email address.)
  - c. A new password will be sent directly to your email address and you can now log on using the new password.
  - d. You should immediately change the new password (by selecting "Change My Password" and following instructions) to one that you will remember but that fits the requirements for cyber security.
3. You should see a menu item "Employee Self Service" which drops down menus as follows:
  - a. **Performance Appraisal**
    - i. Current Appraisal – *Allows you to view your current appraisal when complete or when feedback is requested.*
  - b. **Time Reporting**
    - i. My Timecards – *Allows you to view previous timecards*
  - c. **Personal Information**
    - i. Personal Information Summary-*Allows changes to address, phone, email, & contact info.*
    - ii. My Assets-*Shows list of assets assigned to your life #.*
    - iii. Register as a Facility User
  - d. **Payroll & Compensation**
    - i. Change My W-4-*Enables changes to # of allowances, withholding status or additional withholding amounts*
    - ii. Compensation History-*Lists history of changes to your compensation*
    - iii. Employee Review-*Lists history of performance ratings you received during performance appraisal process.*
    - iv. View Paycheck-*Shows most recent paycheck information... (In upper right, you may select "View a Different Payment" to select from a list of prior paycheck information to view/print.)*
  - e. **Benefits**
    - i. Benefits Home-*View medical, dental, retirement, life ins., disability, FSA accounts, and sick & vacation accrual amounts and balances*
    - ii. Benefits Summary
    - iii. Open Enrollment
  - f. **Training & Development**
    - i. Education
    - ii. Honors & Awards
    - iii. Languages
    - iv. Licenses & Certificates
    - v. Memberships
  - g. – **Time Entry - Place to enter your leave and productive time for payroll and labor distribution (Monthly employees only).**

Susan M. Perino  
Business Operations Manager

# Safety Alert:

## Avoiding slips and falls during icy and slippery conditions



It is important that everyone recognizes the hazards of icy/slippery walks and roadways and makes the appropriate adjustments. Several things can be done to reduce the risk of injury when slippery conditions exist...

1. Wear boots or overshoes with gripping soles. High heels, slick leather, plastic, or smooth surfaced soles on shoes will increase the risk of slipping.
2. Do not walk with your hands in your pockets. This reduces the ability to use your arms for balance if you do slip.
3. Take short deliberate shuffling steps in very icy areas.
4. Do not carry or swing heavy loads, such as large boxes, cases or purses that may cause you to lose your balance while you are walking.
5. Give yourself plenty of time. Take short steps with your feet pointed slightly outward. This will help keep your center of balance under you and provide a stable base for support.
6. Don't step on uneven surfaces. Avoid curbs covered with ice.
7. Try to walk on snow rather than icy areas.
8. Place your full attention on walking. Distractions such as reading, digging in your pocketbook or backpack while walking on ice are dangerous.
9. Use caution when entering buildings. Watch for puddles of water and tracked in snow.
10. If you are the first one to arrive at your building, take the initiative to spread salt on the steps and building entranceways. Note: Do not attempt to carry the salt bucket if you believe it is too heavy. Have someone else help you so that you don't get injured in the process.
11. Dress warmly. Being cold may cause you to hurry or tense your muscles -- both of which can affect your balance.
12. Be extremely careful getting out of your vehicle. If possible, swing your legs around and place both feet on the pavement before you attempt to stand. Steady yourself on the doorframe until you have gained your balance. Avoid reaching beyond your center of balance to take hold of the door, because this may cause a fall.
13. Don't take shortcuts. Always use sidewalks and the cleared paths in parking lots. Never walk between parked cars. Be especially careful when stepping to different levels -- down or up steps or from curbs (don't step on curbs); and remember, grassy slopes can be as dangerous as snowy steps.
14. When walking after sunset or in shadowed areas, be alert for black ice -- particularly in the days following a storm. Once parking lots, sidewalks and steps have been cleared, a thin layer of water remains and refreezes when the temperature drops.
15. On stairs, use handrails for balance wherever available. Be sure to walk on the cleanest part of the step. 4. Place the whole foot on the step with your toes against the riser of the step. Coming down, place your heels against the riser, again with your whole foot on the step.
16. If you slip, fall as limply as possible. Don't resist the fall by putting out a straight arm to take up the shock. Bend your elbows and knees to use your legs and arms to absorb the fall, or try to roll as you land, easing yourself down with bent arms.

**For replacement of calcium ice melt buckets at the entranceways to the building, call your Building Manager.**

**If after contacting your Building Manager, the hazardous condition has not been resolved, report the condition to the Safety & Health Services Division Safety Hotline at extension 8800.**

report the condition to the Safety & Health Services Division Safety Hotline at extension 8800.



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**From:** Mirabella, Kerry A  
**Sent:** Tuesday, December 27, 2005 3:19 PM  
**To:** CAD Personnel List  
**Subject:** FW: You did it!

It's official – with help from all of us at the Lab (and some of our families too), BNL has exceeded the 2005 United Way goal by a large margin. The goal was \$100K, and as of last Friday we were at \$125K! I can't say it any better than this year's United Way campaign Chair (Doon Gibbs) and co-Chair (Mary Campbell), so I've included their messages below. I can, however, say it more directly. Thank you – every one of you – for your generosity and support.

**Kerry**  
C-AD Project Controls  
631.344.2632  
mirabella@bnl.gov

-----Original Message-----

**From:** Gibbs, Doon L  
**Sent:** Friday, December 23, 2005 1:52 PM  
**Subject:** RE: You did it!

I would also like to thank every one for your steadfast effort and overwhelming passion during the last several months in pulling our United Way Campaign together. As Mary noted, we blasted through our goal of 100 K—in fact, we blasted through last year's goal as well! And, all of this occurred in a year in which BNL staff had already donated generously toward Tsunami and hurricane relief. For me, the reward turned out to be more than just feeling really good about BNL helping others (although that was pretty good!), it was also the remarkable energy and person-to-person connection that I felt at all of the events from all of you, and many others. As a rookie to United Way, I didn't expect that, and it absolutely bowled me over. So, I want to congratulate all of you, but especially I want to thank you for once again acting so decisively in the best interests of others and making a big difference, all on behalf of BNL. Lots of folks all over LI are doing better now thanks to you. I would also like to take this opportunity to thank Jim, Maria and Thea for their constant advice and help, and especially Mary Campbell, who worked so tirelessly to somehow pull this whole thing off. For myself, and on behalf of the Laboratory, thank you very much—and have a happy holiday.

**Doon**

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**From:** Campbell, Mary E  
**Sent:** Friday, December 23, 2005 9:45 AM  
**Subject:** You did it!  
**Importance:** High

**Dear United Way Captains, Team Leaders and extra helpers (please feel free to forward this to anyone I've left off)!!!**

**I'm sure you've seen the sign and that means congratulations to all of you!!! We have not only reached our goal...we have surpassed our goal - by \$25,000!!!! This is absolutely amazing and all the thanks go to all of you! I hope this news brightens your outlook on the generosity of all BNL employees - and to realize that no matter what, we are still a family of Long Islanders that care for each other. BNL staffers are not only generous with their money, but are also generous with their time and are the most creative people I know - at least in Suffolk**

**County!**

**To mention a few of the exceptional people (all of you are exceptional!) and their outstanding character that has helped us pass our goal....**

**Joanne Rula - her energy, enthusiasm and patience!**

**Linda Sinatra - her experience and coordination!**

**Lois Caligiuri - her ability to know where help is needed & to provide it!**

**Christopher Johnson - his ability to stay calm in a mountain of other people's stuff!**

**Maria Beckman - her patience with me! - thank you!**

**Jim Tarpinian - his way with words!**

**Beth Blevins - her incredible kind words and encouragement!**

**Liz Mogavero - her record keeping, experience, and dedication!**

**Bonnie Sherwood - her accounting abilities, encouragement, and always being there!**

**Jennifer Lynch - her amazing coordination abilities with so many different cooks!**

**The list can go on for miles....Susan Foster, Aimee Sumereau, Fran Donnelly, Vera Meier, Cindy Vongerichten, Christine Herbst, Sharon Jones, all the women who worked the International Food Tasting event, etc.....**

**I appreciate every one of you - you have made my job so much easier and a pleasure to be a part of the BNL spirit! I also want to send another thank you out to your supervisors and co-workers who have supported our cause!**

**We will have our celebration party sometime in January, but for now I hope you all have a wonderful holiday season - and an exceptional new year!!!**

**Mary Campbell**

**Co-Chair United Way Campaign 2005**

## Upcoming Events from QOL/BERA/Recreation

Winter/Spring 2006

[www.bnl.gov/bera](http://www.bnl.gov/bera)



BERA Presents! Royal Caribbean

**Explorer of the Seas! October 20-29<sup>th</sup>, 2006. 9 Night cruise out of New Jersey!**

Ports of Call: St. Thomas, St. Maarten, Puerto Rico, Labadee (Private Island)

Please call Dena Herd for pricing and availability at Direct Line Cruises at 1-800-352-8088 (say BNL!!)

**New 8-week sessions now forming for Aqua Aerobics, Pilates & Jazzercise!!!**

*Sign up now!*

[http://www.bnl.gov/bera/linkable\\_files/Fitness%20flyer-JanMar2006.pdf](http://www.bnl.gov/bera/linkable_files/Fitness%20flyer-JanMar2006.pdf)

**BNL EMPLOYEES- KEEP YOUR FAMILY in the SWIM of things!**

*Friday night family swim nights are only \$5!*

**Come on in – the water's fine!! Open swim also available every day from 6:15-8:00pm, and on Saturday's from 12:30-4pm.**

**\$2 employee, \$3 guest fee**



**American Museum of Natural History**



**Saturday, February 11, 2006**

**\$25 per person (Adult or Child)**

**Includes Admission to All Exhibits:**

**Rose Center**

**Butterfly Conservatory**

**JMAX...& more**

Depart BNL – 8:30 am

Depart Museum – 5:00pm

**NEW YORK CITY OPERA**

**Don Giovanni**

**SUNDAY March 26, 2006 \$80pp**

Orchestra Seating, Coach Bus

Bus leave BNL at 9:15, Departs NYC at 5pm

**Summer Camp Information & Swimming Lesson Registration will be available in Mid-March for the 2006 season.**

**Applications are now available for Life Guard Certification Course**

**February 12- April 2, 2006**

(Must be a minimum of 15 yrs. old & pass Pre-Qualifying test)

Join The Gym/Weight Room for \$25 per year!  
FREE Exercise assistance & instruction!  
Call Ext. 2873 for Information.

**CASH, CHECK, VISA/MasterCard, or BSA Account ACCEPTED**

**BERA EVENTS/ACTIVITIES**

[www.bnl.gov/bera](http://www.bnl.gov/bera)

***Always something happening!***



**We wish all of you born in JANUARY**

*a happy and healthy year ahead.*

*Birthday people ONLY click on cake*



**December**

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# Camera Club

Meeting 2-1-06

Now that we have moved into the digital age, come to the camera club's next meeting. Subjects will be: A field trip to N.Y.C. and The Digital Industry. Meet other BNL'ers with similar interests. Time: 12:00 noon in Berkner Hall room "C" February 1-06. Information contact Ripp Bowman ext. 4672

## Cool Math Game

Time Remaining:

Solve:

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Put Answer Here:

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Points:

Free JavaScripts provided  
by [The JavaScript Source](#)

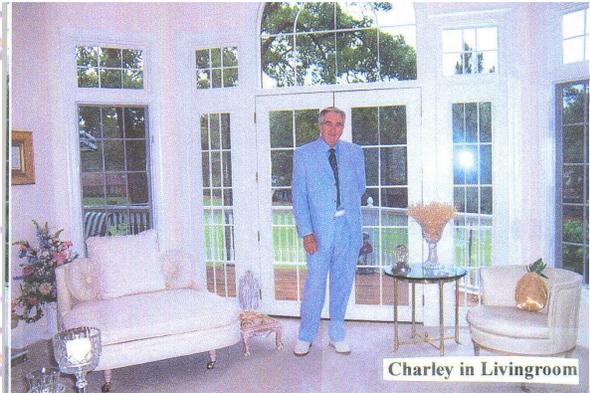


**ALUMNI NEWS: AGS/RHIC/C-AD RETIRED CROWD - We'd enjoy hearing from you and what you have been up to. Please send your notes to [pmanning@bnl.gov](mailto:pmanning@bnl.gov)**



Anne in Bedroom

**Anne and Charley Flood wish everyone a Happy and Healthy New Year! They wanted to let us know to keep working hard for BNL because it is a great place from which to retire - and you too can enjoy the wonderful life of retirement as they do. Anne truly cherishes the**



Charley in Livingroom

**memories of her years at BNL and is truly grateful for the wonderful retirement and medical plan offered to retirees. When they come north and visit BNL they always feel happy that they were fortunate to have worked here. Anne worked here for 30 years and Charley worked here for over 40 years - so combined they have given BNL 70 years!! They still keep in contact with many at BNL and keep themselves apprised of all the wonderful scientific advances that continue to make BNL an outstanding research laboratory.**



**Here are some photos of Bob & Lois Marascia vacation to the Dominican Republic this past November. Joining them were Carmen & Carl Falkenbach (Carmen used to work in AGS about 20 years ago) and Carolyn & George Wolfe. A great time was had by all.**



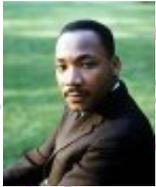


You can catch up on all of Eric Forsyth's travels by clicking on his sailing yacht below





# January 2006

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 Lab Holiday	3	4	5	6 AP Seminar "Electron Beam Optics for Magnetized Electron Cooling" J. Kewisch, C-AD, 4pm, Bldg. 911B LCR	7
8	9	10 Physics Colloquium by P. W. Anderson, Princeton Univ., 3:30pm Large Seminar Room, Bldg. 510	11	12 EAP 101 Seminar, 12:00- 1:00 pm Berkner Room B	13 UEC Meeting 12:30 to 2:00 pm, Berkner, Rm. C  AP Seminar "Report on the FFAG'05 Workshop at Osaka, Japan" A.G. Ruggiero, 4pm, Bldg. 911B LCR	14
15	16  Lab Holiday	17	18 411 <sup>th</sup> Brookhaven Lecture "Metal Ions and Protein Structure in Neurological Protein-Folding Diseases" L. Miller, NSLS, 4pm, Berkner Auditorium	19	20	21

22	23	24 Physics Colloquium "Rapture of the Deep Sky" M. Ulmer, Northwestern Univ., 3:30pm Large Seminar Room, Bldg. 510	25	26	27	28
29 Chinese New Year	30 First Day of Muharram	31				



# February 2006

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 Camera Club Meeting, Noon, Berkner, Rm C	2	3 AP Seminar "Crystal Collimation at the Tevatron and the LHC" N. Mokhov, FNAL, 4pm, Bldg. 911B LCR	4
5	6	7	8	9	10	11
12	13	14 Happy Valentine's Day	15 412 <sup>th</sup> Brookhaven Lecture "Coded Aperture Thermal Neutron Imaging Project" P. Vanier, NNS, 4pm, Berkner Auditorium	16	17	18

19	20  Lab Holiday	21	22	23	24	25
26	27	28				



**We Remember**  
*Sept. 11, 2001*

**Editor: Pamela Manning x4072**