

# Particle Post      September 2006

*To have a right to do a thing is not at all the same as to be right in doing it. ~G.K. Chesterton*

To review previous issues

## A Note From Our Chairman



On behalf of everyone from C-AD and SMD, I would like to express our sincerest condolences to the Roser family on the sudden death of Thomas' mother on August 27.

The review season is temporarily over. I believe that the exceptional strength of the RHIC nuclear physics and accelerator physics program was again recognized by the Department of Energy. It is now time to bring the machines back to life. The first being the NASA NSRL program, which starts in September. The start of the RHIC program will depend on the congressional process. As of now the budget process is unknown and highly volatile. It is an election year, which lends an additional uncertainty to the budget game.

Due to the FY2007 budget uncertainties, we will implement a conservative approach to our spending. Everyone's support will be required to keep our costs to an absolute minimum, so that we can properly respond to the final budget result.

Worker safety should be a personal commitment by everyone in the department. I have noticed that, at times, some of us are not properly attired for the tasks that we are performing. This is unacceptable. There is no excuse for not wearing the correct clothing. It is your body that will be burned, eyes imbedded with metal chips, or even worse. So please suit up properly.

Nobel Prize-winner Melvin Schwartz died on Aug. 28, in Twin Falls, Idaho, after a long struggle with Parkinson's disease. Mel was a great friend, physicist and colleague. He was one person who you could trust to put the accepted scientific truths of the day to the test, before they became gospel. His brilliance as a scientist led him, along with Jack Steinberger and Leon Lederman, to discover the muon neutrino at the AGS (E28). This earned them the 1988 Nobel Prize in Physics. As the Associate Laboratory Director for High Energy and Nuclear Physics, he was instrumental in forming and guiding the RHIC

heavy ion experimental program. My sincerest condolences go out to Marilyn and the family. He will be missed.

## Administration



We are in the home stretch of what has been an extraordinary year. DOE funding provided by the FY 2006 Presidential Budget reflected an 8% reduction from the FY 2005 funding level. This devastating news was followed by news of a substantial contribution from the Stony Brook Foundation making a 20-week experimental run possible.

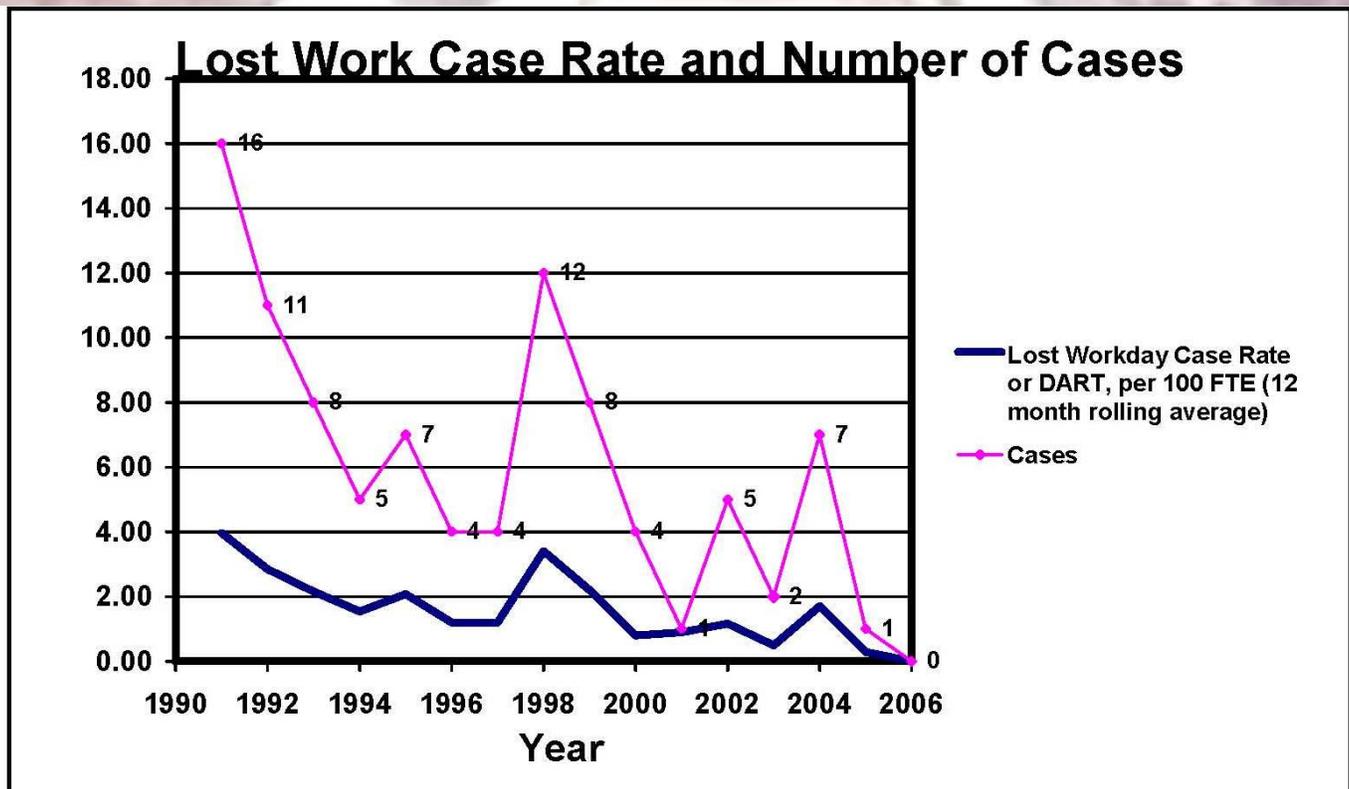
The saga continues. This month we received a \$1.3M credit in power. Additional savings in power of \$250K were realized for July, which was billed at only one-tenth the estimated rate. Mark Toscano and his crew in Plant Engineering have done an excellent job in managing power resources for the Laboratory and C-AD has benefited enormously. Kudos to Mark, et al!

Financial oversight in this very unusual year has presented new challenges. “No” is easy to say after years of constrained budgets, but “Yes” is a little harder. We face our usual funding uncertainties about the coming fiscal year and will, in all likelihood, begin FY 2007 on a Continuing Resolution. On the cost side, tremendous fluctuations in the cost of electric power rate, which may be 10% or more of our total operating funds, make planning difficult. A prudent reserve is important but difficult to size and maintain while addressing the seemingly endless list of machine enhancements and repairs.

I am encouraged, however, by the level of financial responsibility demonstrated at every level in the Department. Credit card procurements and stores issues, as well as overtime expense, have remained relatively low. Long delayed big ticket purchases and repairs have been undertaken and several large procurements for FY 2007 have been advanced.

All in all, it has been a very good year . . . so far.

## *Safety Stats*



### C-AD Occupational Injury Statistics

For Year\* 2005      For Year\* 2006

First Aid Cases	1	0
Recordable Cases	4	3
Lost Work Cases	1	0

\* Calendar Year

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

**Friday, September 1, 2006**

**NEXT EXCHANGE: Friday, OCTOBER 6, 2006**

**Pete Cirnigliaro**



## Departures

Donald Meany, Access Controls Group will be retiring on September 28.

Charles Whalen, Controls Division will be leaving on September 15.



## Get To Know Your Co-Worker



**Lee Hammons, Operations Coordinator, Operations Group** has been working for us for 6 years now. Aside from his work for the operations group in the Main Control Room, he works on the Energy Recovery Linac (ERL) project as a doctoral candidate. Lee enjoys performing and listening to music, playing tennis and golf, he also enjoys fishing and skiing as we can see by this photo of Lee with the prize winning bass. Lee and his wife Corinne are expecting their first child in October.

**Yun LUO, Accelerator Physics Group in the Accelerator Division has worked here for 3 years. Yun works on projects like RHIC global coupling measurement and correction, RHIC nonlinear dynamics corrections and RHIC dynamic aperture studies. Yun also worked on the NSLS-II design from November 2005 to August 2006 integrating different dynamics study modules, installing magnet field and alignment tolerances, and dynamic aperture studies. Yun enjoys walking, playing badminton, swimming and sightseeing. His wife, Jianping Dai is improving her English at Suffolk Community College. She will pursue her second Bachelor degree in Accounting or pursue her Master degree in Math Education. Jianping was a math teacher in China. Yun and Jianping have one son, Xin (Michael), who is 3 and a half. He is in the BNL daycare center, Room 2, and will be going into Room 1 starting this month. Michael likes running.**



## Did You Know?

Wolfram received his tenure in May. Click on the following link for information regarding Wolfram's tenure. [http://www.c-ad.bnl.gov/esfd/Wolfram Fischer Awarded Tenure.htm](http://www.c-ad.bnl.gov/esfd/Wolfram_Fischer_Awarded_Tenure.htm)  
Congratulations Wolfram from everyone!!

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## **The History of Labor Day**

### **Labor Day: How it Came About; What it Means**

"Labor Day differs in every essential way from the other holidays of the year in any country," said Samuel Gompers, founder and longtime president of the American Federation of Labor. "All other holidays are in a more or less degree connected with conflicts and battles of man's prowess over man, of strife and discord for greed and power, of glories achieved by one nation over another. Labor Day...is devoted to no man, living or dead, to no sect, race, or nation."

Labor Day, the first Monday in September, is a creation of the labor movement and is dedicated to the social and economic achievements of American workers. It constitutes a yearly national tribute to the contributions workers have made to the strength, prosperity, and well-being of our country.

### **Founder of Labor Day**

More than 100 years after the first Labor Day observance, there is still some doubt as to who first proposed the holiday for workers.

Some records show that Peter J. McGuire, general secretary of the Brotherhood of Carpenters and Joiners and a cofounder of the American Federation of Labor, was first in suggesting a day to honor those "who from rude nature have delved and carved all the grandeur we behold."

But Peter McGuire's place in Labor Day history has not gone unchallenged. Many believe that Matthew Maguire, a machinist, not Peter McGuire, founded the holiday. Recent research seems to support the contention that Matthew Maguire, later the secretary of Local 344 of the International Association of Machinists in Paterson, N.J., proposed the holiday in 1882 while serving as secretary of the Central Labor Union in New York. What is clear is that the Central Labor Union adopted a Labor Day proposal and appointed a committee to plan a demonstration and picnic.

### **The First Labor Day**

The first Labor Day holiday was celebrated on Tuesday, September 5, 1882, in New York City, in accordance with the plans of the Central Labor Union. The Central Labor Union held its second Labor Day holiday just a year later, on September 5, 1883.

In 1884 the first Monday in September was selected as the holiday, as originally proposed, and the Central Labor Union urged similar organizations in other cities to follow the example of New York and celebrate a "workingmen's holiday" on that date. The idea spread with the growth of labor organizations, and in 1885 Labor Day was celebrated in many industrial centers of the country.

## **Labor Day Legislation**

Through the years the nation gave increasing emphasis to Labor Day. The first governmental recognition came through municipal ordinances passed during 1885 and 1886. From them developed the movement to secure state legislation. The first state bill was introduced into the New York legislature, but the first to become law was passed by Oregon on February 21, 1887. During the year four more states — Colorado, Massachusetts, New Jersey, and New York — created the Labor Day holiday by legislative enactment. By the end of the decade Connecticut, Nebraska, and Pennsylvania had followed suit. By 1894, 23 other states had adopted the holiday in honor of workers, and on June 28 of that year, Congress passed an act making the first Monday in September of each year a legal holiday in the District of Columbia and the territories.

## **A Nationwide Holiday**

The form that the observance and celebration of Labor Day should take were outlined in the first proposal of the holiday — a street parade to exhibit to the public "the strength and esprit de corps of the trade and labor organizations" of the community, followed by a festival for the recreation and amusement of the workers and their families. This became the pattern for the celebrations of Labor Day. Speeches by prominent men and women were introduced later, as more emphasis was placed upon the economic and civic significance of the holiday. Still later, by a resolution of the American Federation of Labor convention of 1909, the Sunday preceding Labor Day was adopted as Labor Sunday and dedicated to the spiritual and educational aspects of the labor movement.

The character of the Labor Day celebration has undergone a change in recent years, especially in large industrial centers where mass displays and huge parades have proved a problem. This change, however, is more a shift in emphasis and medium of expression. Labor Day addresses by leading union officials, industrialists, educators, clerics and government officials are given wide coverage in newspapers, radio, and television.

The vital force of labor added materially to the highest standard of living and the greatest production the world has ever known and has brought us closer to the realization of our traditional ideals of economic and political democracy. It is appropriate, therefore, that the nation pay tribute on Labor Day to the creator of so much of the nation's strength, freedom, and leadership — the American worker. --Department of Labor.

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## **ESOL (English for Speakers of Other Languages)**

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

**From: Schwaner, Beth A**

**Sent: Friday, August 25, 2006 1:02 PM**

**To: BNL Supervisors**

**Cc: Lynch, Jennifer**

**Subject: Please help publicize**

**Supervisors,**

We've heard from several employees recently who were unaware of our English for Speakers of Other Languages Program and/or the extent of it. Please distribute and post attached brochures to help get the word out about this program. This program can help staff improve English speaking, listening, reading, writing, and pronunciation skills. It is open to all BNL staff and family members from beginner to advanced skill levels. (See below.)

The BNL English for Speakers of Other Languages Program offers free English help to anyone working at BNL, including their spouses, partners and family members for beginner to advanced level students. Classes take place daily onsite and are given by trained individuals. Many members of the scientific community at BNL have participated in this program and improved their English speaking, listening and reading and writing skills. Various scientists have sought help with their presentation skills and requested pronunciation assistance. The ESOL Program Coordinator has regularly aided those individuals.

There are many scientists who can benefit from this program. Oftentimes, non-native individuals may read and write English well, but have difficulty communicating ideas conversationally. Scientists may have trouble effectively communicating their ideas and theories during presentations. The ESOL Program can help these scientists with conversational practice that takes place between instructors and interactions with classmates, with audio/visual resources, and with textbooks/materials that focus on learning spoken English. The coordinator, Jennifer Lynch, is willing to come give an ESOL introductory presentation during departmental meetings and is offering to give ESOL workshops "in-house" in various departments for groups of scientists/staff who would be interested and could benefit from the convenience of having a class close to their work area.

Please contact Jennifer Lynch at ext. 4894 or email [lynch@bnl.gov](mailto:lynch@bnl.gov) if you are interested in an informational meeting or would like hardcopy ESOL pamphlets to distribute in your department/division. Visit the ESOL website for more information at [www.bnl.gov/esol](http://www.bnl.gov/esol).

**Beth Schwaner**  
Training & Qualifications Program Manager  
Bldg. 703 - [schwaner@bnl.gov](mailto:schwaner@bnl.gov)  
ext. 3244 or 5251

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## A Great New Way to Set Your Car's Side-View Mirrors



For years, we'd been setting our side-view mirrors so that they gave us a view of the back corner of our cars. This is the way it's been done for generations - from grandfather, to father, to us! But we finally discovered something very interesting. The back corner of the car never moves. It always stays in the same exact place. So there's really no reason to keep an eye on it.

By moving the side mirrors farther out, you can line up all three of your mirrors so they have minimal overlap -- and you can see everything behind you and beside you.

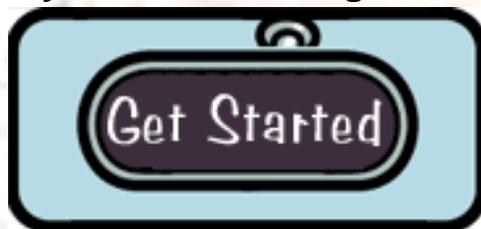
Here's how to do it.

A handwritten signature in black ink that reads "Tom Ray". The signature is written in a cursive, flowing style.

Tom and Ray Magliozzi

Click and Clack, the Tappet Brothers

**please note you will be leaving BNL site for this**



We wish all of you born in **SEPTEMBER**  
a happy and healthy year ahead.  
Birthday people ONLY click on cake



## C-AD Service Awards August

**25 years**

**Walter Shaffer**

**20 years**

**Peter Cameron**

**John Carlson**

**10 years**

**Scott Seberg**

**Congratulations to ALL!**



**Fun Time**

**This is a JavaScript version of Break Out. Keep the ball bouncing and try to clear the entire field of blocks. Cool!**



**The Equal Opportunity Committee is available to all employees within the C-AD/SMD to address any concerns of unfair treatment, equal opportunity, harassment of any nature or to answer questions regarding the policies that govern these subjects. Feel free to contact a committee member. All matters are kept confidential. -Omar Gould, EOC Chair.**

## COLLIDER-ACCELERATOR DEPARTMENT and SUPERCONDUCTING MAGNET DIVISION EQUAL OPPORTUNITY COMMITTEE

The Collider-Accelerator Department and the Superconducting Magnet Division have a policy of equal opportunity and fair treatment in an environment free from harassment for all employees.

The joint Collider-Accelerator and Superconducting Magnet Division committee has been appointed to assist us in operating within the Equal Opportunity and Affirmative Action Policy guidelines of Brookhaven National Laboratory. You are encouraged to contact any one of the committee representatives if you have any equal opportunity or fair treatment concerns. They are here to help you.

A copy of the Laboratory's Equal Opportunity and Affirmative Action Policy Statement is available from the Diversity Office in Bldg. 185, from any of our Equal Opportunity Representatives, or on the web at <http://www.bnl.gov/diversity/policies.asp>.

Derek I. Lowenstein, Chairman  
*Collider-Accelerator Department*

Peter Wanderer, Acting Division Head  
*Superconducting Magnet Division*





**Committee Members**  
*(from left to right)*

Diana Votruba, Ext. 5123

Mei Bai, Ext. 3397

Ahovi Kponou, Ext. 4919

Joseph Tuozzolo, Ext. 3966

Omar Gould, Chair, Ext. 2656

Charles Gardner, Ext. 5214

Marion Heimerle, Ext. 4619

Vincent Castillo, Ext. 3772

Loralie Smart, Ext. 2425

Ann Lamberti, Ext. 7611

**Collage by Ripp Bowman**



Please click [HERE](#) for a Digital Slide Show that Ripp has created from the BBQ.

A Lab denizen of note in the news recently. Photo taken by James Osterlund of the Red Fox at the BNL Glasshole Landfill




**FITNESS CLASSES AT BNL**  
**September 2006**


**JAZZERCISE**  
 Tuesday & Thursday from 12:00pm - 1:00pm at the Rec Hall  
 Tuesday Session: Sept 12 to Oct 31  
 Thursday Session: Sept 14 to Nov 2  
 \$90 for 8 week session of twice a week, plus you may use the Shirley location.

**AQUA AEROBICS**  
 Tuesday & Thursday from 5:15 - 6:15pm at the Pool  
 Classes begin September 12 thru November 2, 2006  
 8-week session - \$20 for once a week, \$40 for twice a week.


**YOGA / PILATES - TENTATIVE**

 Monday 12:15-1:15pm & Wednesday 5:15-6:15pm at the Rec Hall  
 Monday Session: 9/11 **PENDING CONFIRMATION**  
 Wednesday Session: 9/13 **PENDING CONFIRMATION**  
 \$65 for once a week, \$80 for twice a week

**ADVANCE REGISTRATION FOR THE ABOVE CLASS IS REQUIRED!**  
**Please make checks payable to BERA and mail to Recreation Office, Bldg. 179B**

The following classes do not require registration and are either FREE or Pay-As-You-Go:

<p><b>Aerobic Fitness</b>          Tuesday &amp; Thursday in the Rec Hall at 5:15pm          10 Classes for \$40, or \$5 per class          Contact Pat Flood x7866 or email: <a href="mailto:flood@bnl.gov">flood@bnl.gov</a></p> <p><b>Jui Jitsu</b>          Tuesday in the Gym from 6:30-7:30pm          All levels, ages 6 and above. \$10 per class          Contact Tom Baldwin x4556 or          email: <a href="mailto:baldwint@bnl.gov">baldwint@bnl.gov</a></p> <p><b>Ving Tsun Kung Fu</b>          Tuesday, Thursday &amp; Friday - 12 noon-1pm          at Brookhaven Center North Room          Taught by Master William Moy. Tuition          Contact Scott Bradley, x5745 or          email: <a href="mailto:Bradley@bnl.gov">Bradley@bnl.gov</a></p>	<p><b>Reiki Healing Circle</b>          Thursday, 12 Noon - 211 Conference Room          Contact Nicole Bernholz x2027 or          email: <a href="mailto:bernholz@bnl.gov">bernholz@bnl.gov</a> FREE</p> <p><b>Yoga</b>          Wednesday - 12 noon at Brookhaven Center          Contact ILA Campbell x2206 or          email: <a href="mailto:ila@bnl">ila@bnl</a> FREE</p> <p><b>Tai Chi</b>          Monday, Thursday &amp; Friday, 12 noon-1pm          at Brookhaven Center North Room          Contact Adam Rusek, x5830 FREE</p> <p><b>Cardio KickBoxing</b>          Monday &amp; Thursday - Gym at 12 Noon          \$5 per class - Pay As You Go          Contact Joanne Rula x8481 or email <a href="mailto:jrula@bnl.gov">jrula@bnl.gov</a></p>
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**Enjoy BNL's Pool, Gym, Parcourse, Tennis Courts and all fitness activities!**  
**Tours of the Pool, gym and exercise room are always available, please call ext 2873.**  
**FOR A LISTING OF ALL CLUBS & ACTIVITIES, PLEASE GO TO [www.bnl.gov/bera](http://www.bnl.gov/bera)**

**Additional activities:**

- ❖ The BERA Soccer league plays outdoors on Tuesday, Thursday & Fridays at the Recreation Park/Ball Field areas at Noon. For the winter months, you can join a pick up game in the gym on Tuesdays at Noon and Friday evenings.
- ❖ Volleyball team rosters must be handed in by 9/20. If you're interested in joining, call ext 7451. BERA Volleyball League plays in the gym on Monday & Wednesday evenings, and there are pick up/practice games at Thursday noon and Saturday at 10am. For more information regarding volleyball go to: <http://www.vb.bnl.gov/>
- ❖ Basketball pick up games are in the gym on Monday, Wednesday & Friday at Noon.
- ❖ Badminton games are held daily from 11am-1pm in the gym.

For more club information, please go to: [www.bnl.gov/bera](http://www.bnl.gov/bera)

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2006 BERA FITNESS REGISTRATION for Jazzercise, Aqua Aerobics and Pilates





# September 2006

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4 Labor Day HOLIDAY	5	6 BSA Noon Recital: Synergy Quintet Brass Ensemble in Concert, noon, Berkner Hall	7 BLOOD DRIVE, 9:30am- 10:30am Brookhaven Center	8 International Literacy Day	9
10	11 Patriot Day  BSA Distinguished Lecture "Confessions of a President's Science Advisor", Neal Lane, Rice U., 4pm, Berkner Hall	12 BSA Distinguished Lecture "The End of an Era - Science in a flat world", Neal Lane, Rice U., 4pm, Berkner Hall	13	14	15 RHIC & AGS Users' Executive Committee Meeting, 12:30- 2:00pm, Rm. C, Berkner	16

17	18	19	20	21	22	23
				International Day of Peace		Rosh Hashanah  First Day of Ramadan  Autumn Begins
24	25	26	27	28	29	30
			BAF Seminar "Report of the HEPAP Subpanel on the Assessment of Advanced Accelerator Research and Development" , Ilan Ben-Zvi, C-AD, 4pm, Berkner Rm B			



# October 2006

Sunday    Monday    Tuesday    Wednesday    Thursday    Friday    Saturday

1	2 Yom Kippur	3	4	5	6	7
8	9	10	11	12 Columbus Day	13	14
15	16	17	18	19	20	21
22	23	24 United Nations Day	25	26	27	28
29 Daylight Savings Time Ends	30	31 Halloween				



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

**Editor: Pamela Manning x4072**