

**Community Advisory Council  
February 14, 2013  
Action Items/Notes**

*Final*

These notes are in the following order:

1. Attendance
2. Correspondence and Handouts
3. Administrative Items
4. NSLSII Project update
5. Natural Resource Management update
6. Agenda Setting
7. Community Comment
8. Agenda setting brainstorming exercise

**1. Attendance**

Members/Alternates Present: See Attached Sheets.

Others Present: M. Bebon, S. Bogart, J. Carter, F. Crescenzo, N. Detweiler, D. Gibbs, T. Green, S. Johnson, M. Lynch

**2. Correspondence and Handouts**

Items numbered one through three were mailed to Members with a cover letter dated February 7, 2013. Item number four was available as a handout at the meeting.

1. Draft agenda for February 14, 2013
2. Draft notes for January 10, 2013
3. Directions to NSLS-II site for tour
4. Natural Resources Update presentation

**3. Administrative Items**

After the tour of the NSLS-II, the meeting was called to order at 7:46 p.m. Reed Hodgkin, facilitator, reviewed the ground rules and the agenda. Those in attendance introduced themselves.

Doon Gibbs, Interim Laboratory Manager, told the CAC that Frank Crescenzo is now the DOE BHSO (Brookhaven Site Office) site manager.

He then gave a brief update on the recent Tribble panel recommendations. He said every three to five years the DOE creates a long range plan for all the nuclear physics facilities. In 2007, they created a long range plan under the assumption of a healthy budget scenario. Three facilities were marked to either continue operations, be upgraded, or to be designed and built. CEBAF (Continuous Electron Beam Accelerator Facility) in Virginia was recently upgraded, RHIC (Relativistic Heavy Ion Collider) at BNL is operating, and FRIB (Facility for Rare Isotope Beams) in Michigan is in the design phase.

In the current budget climate, the DOE had asked the panel to look at the long range plans for FY14 and make recommendations under two budget scenarios. The first was a flat budget over the next five years; the second involved increases for inflation over the same time period.

After months of deliberations, the panel announced their recommendations. The first recommendation was that the science in all three facilities is world-class and to close any of the facilities would be a serious loss that would result in devastating impacts to the U.S.'s leadership in nuclear physics. To avoid the impacts, the panel discussed a third scenario which was a modest growth budget scenario which would allow all three to continue. However, since they were obligated to make a choice, they chose CEBAF as their highest priority because it has just been upgraded. Then, when they had to choose between FRIB and RHIC, there was a slight preference for FRIB. The reasons had to do with budget scenarios, timing, etc.

The DOE is not compelled to act on the recommendations; however, it has introduced a high level of uncertainty as to the long-term future of the nuclear physics program here. BNL has a strategy and has been working with the other Labs. A lot depends on what happens in Congress on March 1<sup>st</sup>. Sequestration is a possibility. We have strong support in the NYS delegation and from the other Laboratories.

Member Birben asked if community support would be helpful and if the CAC should write letters.

Gibbs said that would be good.

Hodgin said in the past, the CAC has penned and passed a resolution indicating the importance of funding a program or project. Perhaps the CAC could designate someone to draft a letter and bring it back next month.

Member Guthy asked for suggestions on the wording of the letter and where to send it.

Detweiler said we can provide that. In the past, each individual organization has sent in their own letter of support.

Marge Lynch, CEGPA Assistant Laboratory Director, said one letter signed by multiple people would be better.

Member Henagan suggested using social media to gain support and petition the White House. He said someone would have to start a petition online and then, through various social media, send it to your contacts, news agencies, universities, user groups, etc. and ask for support. The White House must respond if you get 100,000 signatures.

Lynch informed Member Henagan that the User's Group was in the process of creating a "We the People" online petition; Henagan suggested the CAC members that they should support that effort. He also said he would draft a letter of support on behalf of the CAC to be sent to the appropriate members of Congress. Hodgin said the Laboratory will put it on the agenda for next month and help to get it out to members.

Member Esposito said she will edit the letter after Member Henagan drafts it.

#### Approval of Minutes

Since quorum was not met, there was no approval of minutes from the January meeting.

Detweiler, liaison to the CAC, said an invitation to a dedication ceremony for the new ISB (Interdisciplinary Science Building) that will be held in March will be sent to CAC members. (Note: the ceremony date has been changed to April.)

#### **4. NSLSII Tour and Project Update, Erik Johnson – Deputy Director for Programs, Photon Sciences**

Twelve CAC members met at the NSLS-II at 6:30 p.m. and were given a tour and project update

from Erik Johnson, Deputy Director for Programs, Photon Sciences and project manager Marty Fallier.

#### **5. Natural Resource Management Update, Tim Green - Environmental Protection Group**

Tim Green gave the CAC an update on the Natural Resource Management Plan. He spoke about the status of the deer management plan, the 4-poster tick control devices, the spring 2012 wildfire, the Site Environmental Report, Super Storm Sandy, and the wildlife populations on-site.

Green said the Laboratory is continuing nest management of Canadian geese and he said the population of raccoons is increasing and they are getting into buildings.

Member Talbot asked for an explanation of the management of Canadian Geese and asked how the Laboratory is trying to manage the raccoons.

Green said the Lab is continuing to oil the eggs of Canadian Geese so they don't hatch and we use a trap and release program for raccoons.

Member Birben said there are foxes in the community that are transmitting mange to domestic dogs.

Green said the population of red fox goes in cycles every three years and with that the incidents of mange and distemper goes up. There should be a decline this year.

He then said there were about 600 deer onsite. The Lab has completed an Environmental Assessment (EA) on deer management and is in the process of preparing a Finding of No Significant Impact (FONSI) on the management recommendations. The next step is to develop a management plan for deer, which will then be brought to Lab management to make a decision on funding.

Member Esposito asked if the Lab will use bows and arrows again.

Green said the Lab will use a process called integrated wildlife management – hunting and culling. Culling is expensive, approximately \$160,000 per year. Hunting is cheaper, but takes longer.

He said the Lab will be implementing fourteen 4-poster tick control devices in March of this year. Tick monitoring will occur before, during, and after they are deployed.

Member Esposito asked how the Lab is going to monitor ticks to see the effectiveness of this system.

Green said a drag cloth will be used three times a year at each location and there will be cameras installed in each area.

Member Talbot asked why there is debris on top of the units.

Green said we put corn on top to initially attract the deer to the unit.

Green then spoke about the wildfire that occurred on April 9, 2012. He said 287 acres on Lab property burned. The understory was incinerated. A Manorville Fire Department brush truck was caught in the fire. Luckily everyone survived.

Member Guthy asked if any animals were hurt in the fire.

Green said it is hard to tell, we know the turtles survived.

Green then spoke about the Site Environmental Report and said there were 12 deer sampled onsite and 5 offsite. The Cs-137 average onsite is lower than the average within one mile of the Lab. The ten-year trend for on and offsite samples indicate a stabilizing trend with the average value less than 2.0 pCi/g. Bone samples analyzed for Sr-90 indicate background levels, so a decision was made to eliminate testing. He spoke about terrestrial, aquatic, and precipitation sampling.

We still have two more years of monitoring on the 2010 Peconic River cleanup. There were three small areas of supplemental cleanup within the river completed in 2011. These areas are being restored to native vegetation and we will continue to monitor to ensure success and remove invasive plants. Reporting of post cleanup monitoring will transfer to the Site Environmental Report beginning with 2012 monitoring. We are no longer going to do a separate Peconic River Report.

He said Super-Storm Sandy caused tree bronzing from the sustained salt spray, primarily on the east and southeast facing side of the trees and on the west side of open areas. The trees should recover in the spring.

Green then spoke about Long Island bats and white-nose syndrome (WNS) which was first identified in 2008. WNS is a fungus impacting cave dwelling bats with a mortality rate of 43-100% and has killed over 5 million bats to date. He said the US Fish and Wildlife Service is expected to list many impacted bats as either threatened or endangered.

#### **6. Agenda Setting**

There was no agenda setting for next month.

#### **7. Community Comment**

There was no community comment.

#### **8. Agenda setting brainstorming exercise**

Due to the small number in attendance, Hodgkin recommended postponing agenda topic brainstorming until month.

The meeting adjourned at 9:08 p.m.

Agenda Topics  
February 10, 2011 Poll

Homeland Security – 9  
Nanotechnology Developments & Standards – 7 (3/10/2011 - E. Mendez)  
Science & Politics – 7  
Overview of BNL Land Use Plan – 6  
Sustainability – 6  
Photovoltaics – 6 (3/10/2011 - E. Mendez and R. Lofaro)  
PET/MRI Research – 6  
LISE Tour Prior to Completion – 6 (11/18/11 – ribbon cutting)  
Business/Lab Integration of New Technologies – 6 (4/14/11 – Walter Copan)  
Nano Patterning – 5  
Natural Resources Management Plan – 5 (12/8/11 – Tim Green)  
Nuclear Non-Proliferation – 4 (3/8/12 – Carol Kessler)  
Nuclear Safety – 4  
Catalysis & Super Conducting Magnets – 3  
Cosmology – 3  
Accelerate Long Island (as information becomes available) - 3  
Safety Progress – 2  
CRADAS – 2  
Radio Isotopes – 2  
Nuclear Stewardship - 1  
Technology Transfer – 0 (4/14/11 – W. Copan)

<b>P = Present</b>	<b>2013</b>	<b>Affiliation</b>		First Name	Last Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
		<b>ABCO</b> (Garber - 04/02)	Member	Don	Garber												
		(Madigan -10/10)	Alternate	Michael	Madigan	P											
		<b>American Physical Society</b>	Member	Margaret	Malloy	P											
			Alternate														
		<b>Brookhaven Retired Employees Association</b> (Peskin - 09/09)	Member	Arnie	Peskin												
		(Franz - 12/09)	Alternate	Eena-Mai	Franz		P										
		(Shapiro-1/13)	Alternate	Steve	Shapiro	P											
		<b>Citizens Campaign for the Environment</b>	Member	Adrienne	Esposito		P										
			Alternate														
		<b>Colonial Woods Whispering Pines</b> (Birben - 06/09)	Member	Christine	Birben		P										
		(Rehbein -11/10)	Alternate	Eric	Rehbein	P	P										
		<b>Coram Civic Association</b> (Ziems - 06/12)	Member	Paul	Ziems	P	P										
		(Meade – 06/12, Jim M 10/12)	Alternate	Jim	Meade												
		<b>East Yaphank Civic Association</b>	Member	Michael	Giacomaro	P	P										
		(Feinman - 02/09)	Alternate	Bob	Feinman	P	P										
		<b>Emeritus</b> (changed 3/8/12)	Member	Jean	Mannhaupt												
		<b>Friends of Brookhaven</b> (Kaplan - 07/01)	Member	Ed	Kaplan	P											
		(Schwartz - 11/02)	Alternate	Steve	Schwartz												
		<b>Huntington Breast Cancer Coalition</b>	Member	Mary Joan	Shea	P											
			Alternate	Scott	Carlin		P										
		<b>IBEW/Local 2230</b> (Krsnak 01/07)	Member	Scott	Krsnak	P											
			Alternate														
		<b>Individual</b> (changed 3/12)	Member	Karen	Blumer												
		(added 6/12)	Alternate	Michael	Madigan												
		<b>Individual</b> – (changed 3/12)	Member	Greg	Bush												
			Alternate	Adam	Martin												
			Alternate	Bruce	Martin												
		<b>Individual</b> – (changed 3/12)	Member	Jane	Corrarino												
			Alternate														
		<b>Individual</b> – (changed 3/12)	Member	Iqbal	Chaudhry	P											
			Alternate														
		<b>L.I. Pine Barrens Society</b>	Member	Richard	Amper	P	P										

<b>P = Present</b>	<b>2013</b>	<b>Affiliation</b>		First Name	Last Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
		(Murdocco - 04/11, deleted 6/12) (Muller added – 8/12)	Alternate	Alexandra	Muller	P											
		<b>L.I. Progressive Coalition</b>	Member	David	Sprintzen	P											
			Alternate														
		<b>Lake Panamoka Civic Association</b> (Biss - 04/02)	Member	Rita	Biss												
		(Grandal - 10/10)	Alternate	Bonita	Grandal		P										
		<b>Longwood Central School Dist.</b> (Castro -06/09)	Member	Maria	Castro												
			Alternate	Allan	Gerstenlauer												
		<b>Mastic Park Civic Association</b> (Sicignano – 6/12)	Member	John	Sicignano												
			Alternate	Clara	McManus												
		<b>Middle Island Civic Association</b>	Member	Tom	Talbot	P	P										
			Alternate	Kevin	Crowley												
		<b>NSLS Users Committee</b>	Member	Jean	Jordan-Sweet	P	P										
		(Ravel -02/11)	Alternate	Bruce	Ravel												
		<b>Ridge Civic Association</b>	Member	Pat	Henagan	P	P										
			Alternate														
		<b>Town of Brookhaven</b> (Graves - 06/06)	Member	Anthony	Graves												
			Alternate														
		<b>Town of Brookhaven, Senior Citizens Office</b>	Member	James	Heil	P											
			Alternate														
		<b>Town of Riverhead</b> (Doroski - 04/11)	Member	Isidore	Doroski	P											
		(Hulme - 04/11)	Alternate	Suzanne	Hulme												
		<b>Wading River Civic Association</b>	Member	Helga	Guthy		P										
			Alternate	Sid	Bail												