

## At PPPL THIS WEEK

MONDAY, JUNE 24

**Patent Awareness Program**  
6 p.m. ♦ Prospect House  
Princeton University

WEDNESDAY, JUNE 26

**GFDL Events and Seminars**  
12 p.m. ♦ Geophysical Fluid  
Dynamics Laboratory (GFDL)  
Smagorinsky Seminar Room  
Role of Storms in the Atmospheric  
General Circulation  
William Rossow, CUNY  
[www.gfdl.noaa.gov/events](http://www.gfdl.noaa.gov/events)  
(Gov't, University or 2 other forms of I.D.  
needed)

### UPCOMING EVENTS

July 1-5  
**European Physical Society  
Conference on Plasma Physics**  
Helsinki, Finland

July 4  
**Independence Day Holiday**  
Laboratory Closed

July 8-13  
**3rd East-Asian School and  
Workshop on Laboratory,  
Space, Astrophysical Plasmas**  
University of Tokyo

July 15-19  
**Plasma Camp for teachers**

July 26  
**PPPL Bluefishing Trip**  
Belmar Marina, Belmar, N.J.

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# No campfires but lots of fun planned for Boy Scout event

By Jeanne Jackson DeVoe

**R**obert Sheneman is trying to live up to The Boy Scouts of America's motto of "Be Prepared" by planning early for the Laboratory's first-ever Boy Scouts event, in which about 300 Scouts will come to the Laboratory in four months to learn about science and technology.

And Sheneman is hoping that PPPL'ers will take to heart the Boy Scout pledge to "help other people at all times" and volunteer to help out on Saturday, Oct. 26. That's when PPPL will host a "Science and Technology Merit Badge Fair" aimed at 12- to 16-year-old Scouts from Central New Jersey interested in earning badges in the STEM (science, technology, engineering and mathematics) fields.



Rob Sheneman

### A Boy Scout "lifer"

Planning activities for the Boy Scouts comes naturally to Sheneman, who calls himself a Boy Scout "lifer." He joined as a Cub Scout and earned the distinction of Eagle Scout, the Scouts' highest rank, when he was young. He has since worked as a volunteer for nearly 20 years, leading each of his four sons' Cub Scout and Boy Scout troops. His older sons, Dave, 24, and Matt, 21, are both Eagle Scouts, and his son Andrew, 17, is working on his Eagle Scout service project, while his youngest, Ben, 13, is a Star Scout. (Scouts progress through the ranks from Tenderfoot to Second and First Class, then the Star rank, Life and Eagle ranks).

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## PPPL's first car show highlights picnic

**T**he Engineering & Infrastructure and Information Technology departments' annual picnic on June 18 featured PPPL's first car show, with several people bringing in their antique cars to display. After the car show, some 200 people enjoyed burgers, hot dogs and chicken served up by Mike Williams, Associate Director of Engineering and Infrastructure, and other managers. ☺



PPPL'ers examine a 1934 Series 40 Buick owned by Pete Titus. Behind the car is a 1973 Plymouth Valiant 318 V8 owned by Hans Schneider. From left to right: Andrei Khodak, Pete Titus and Rich Upcavage.

**MORE PHOTOS ON PAGE 3**



# Boy Scouts at PPPL

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Sheneman said he views the event as a natural fit for the Laboratory and the Scouts. “PPPL is a national science lab, we have all sorts of experts in science and engineering, why not put these two together and partner with our local Boy Scout Council, and provide the expertise to do a merit badge fair focused on science and technology?”

## 40 to 55 volunteers needed

He is hoping 40 to 55 people will volunteer, including 20-30 “technical experts” in science and engineering and other subjects and 20 to 25 other staff members to serve as general volunteers to help with check-in, serve as guides and help run the event.

The PPPLers who sign up as subject experts will plan the program with a Boy Scout Merit Badge counselor. They’ll also have access to materials online that provide a curriculum that can be tailored for each subject.

“This is the first time we’re doing a STEM-specific merit badge rally, which quite honestly is exciting for us,” said Steve Bernini, the staff advisor to the STEM program at the Boy Scouts Council of Central Jersey in Dayton, NJ.

The event will be open to Boy Scouts in the Council of Central Jersey area that includes some 4,000 Scouts in Hunterdon, Middlesex, Mercer, Warren and Somerset counties.

Ray Camp, an electrical engineer at PPPL, said he agreed to help the young men earn badges in electrical engineering and found a wealth of materials and links online. “It’s clearly within the Lab’s bailiwick so it seemed to me to be a great match,” he said.

## Exploring similar event for Girl Scouts

Sheneman said he has looked into offering a similar program for local Girl Scouts, who also have a badge program in the STEM fields. Each year, PPPL sponsors the Young Women’s Conference, which exposes more than 300 seventh to tenth-grade girls to science and technology at a one-day conference at Princeton University.

Boy Scouts typically earn Merit Badges in a wide variety of subjects from woodworking to dentistry, with Scouts earning badges to progress through the Boy Scout ranks from Star to Life Scout to Eagle Scout. While some of the badges in areas like first aid or family life are required, there are numerous choices for optional badges.

“Part of Scouting is to expand the children’s horizons and to allow them to explore subjects that could become hobbies, avocations or vocations and the other piece of this is to reemphasize the academic achievement of Scouting,” Benini said.

## Encouraging Scouts in the STEM fields

Many Scouts don’t try to earn Merit Badges in the STEM fields because they are so specialized and require the Scouts to work with engineers or scientists, Sheneman said.

The fair will offer Scouts many subjects to choose from, including engineering, nuclear science and electronics, as well as fire safety, metalwork, robotics, welding and of course, safety.



The Scouts will have to read a book on the subjects, provided by the Boy Scouts, and will have to fulfill various requirements before they come to the Merit Badge fair at PPPL where they’ll complete activities to earn two or three badges.

True to their motto, all that groundwork means the Scouts attending the event will be prepared. And that’s good news for PPPL’s volunteer scientists and engineers. “I think they will be very impressed with the level of knowledge and motivation of the students,” Benini said.

But it also means that PPPL must organize the event and get volunteers in place well before the event so that the boys will have a chance to sign up and start working on the badges this summer.

“The Scout volunteers I’ve talked to have been very excited,” said Sheneman. “It’s an opportunity to come to the Lab and see a place that most people don’t get to see and be exposed to some really cool science and engineering. Now we just have the hard work of putting all the pieces in place. I think it will be neat. Maybe it’s something that’s exciting enough for us to do every few years.”

To volunteer for the Boy Scout event, contact Rob Sheneman, [rshenema@pppl.gov](mailto:rshenema@pppl.gov), ext. 3392. An online volunteer sign-up form is available [here](#).

The following subjects are tentatively planned for the fair:

- **Safety**
- **Chemistry**
- **Composite Materials**
- **Computers**
- **Drafting**
- **Electricity**
- **Electronics**
- **Energy**
- **Engineering**
- **Environmental Science**
- **Fire Safety**
- **Inventing**
- **Metalwork**
- **Nuclear Science**
- **Photography**
- **Plumbing**
- **Radio**
- **Robotics**
- **Space Exploration**
- **Welding**
- **Woodworking**



Pictured at left are the various Merit Badges Boy Scouts can earn at PPPL, including above from left: nuclear science, energy and space exploration.



# More photos from engineers' picnic car show

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Jeff Bennett walks toward a 1968 BMW R69S motorcycle owned by Al von Halle.



A 2001 Corvette Convertible in millennium yellow owned by Lew Morris with its hood up.



Above, a 1967 Ford Shelby Mustang GT500 owned by Bob Clayton sits next to the Buick. From left to right are: Rich Upcavage, Ken Bauer and Art Brooks.



Above, a 1967 Chevy C-10 custom pick-up truck owned by John Carisdeo.



Below, owner Frank Jones, third from left, shows off his 2003 Corvette coupe. From left to right around the car: Saj Gilani, George (Chuck) King, Jones, Tom (T.J.) Levis and Jean-Pierre Fra.





## Take advantage of summer training courses at Princeton University

Summer is a great time to take advantage of training opportunities held at Princeton University throughout the summer, which are open to all PPPL employees with the permission of their supervisors. You can register by going to the Princeton Employee Learning Center at [www.princeton.edu/training](http://www.princeton.edu/training). Below is a schedule of classes for June through July.

### JUNE

Tuesday, June 25, 12:30 p.m. to 4:30 p.m.  
**"Managing Effective Interactions"**

Thursday, June 27, 8:30 a.m. to noon  
**"Leveraging Diversity: Challenges and Opportunities"**

Thursday, June 27, 1 to 4 p.m.  
**"Leveraging Diversity: Part II"**

### JULY

Tuesday, July 9, 10 a.m. to noon  
**"Interview Preparation"**

Wednesday, July 10, 8:30 a.m. to noon  
**"Leveraging Diversity: Challenges and Opportunities"**

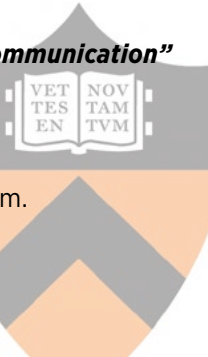
Wednesday, July 10, 1 to 4 p.m.  
**"Leveraging Diversity: Part II"**

Thursday, July 11, 9 a.m. to noon  
**"Write or Wrong: Improving Written Communication"**

Tuesday, July 16, 9 a.m. to 1 p.m.  
**"Legal Aspects of Supervision"**

Wednesday, July 17, 8:30 a.m. to 12:30 p.m.  
**"Getting Started as a New Manager"**

Tuesday, July 23, 12:30 p.m. to 4:30 p.m.  
**"Performance Management"**



# 2013 PPPL Bluefishing Trip

Aboard the 120'  
**Miss Belmar Princess**



**Date: Friday July 26, 2013**  
**Departure: 5 p.m. SHARP!!!**

Location: Belmar Marina,  
 Hwy. 35, Belmar, N.J.

**Cost: \$75 per person All inclusive**  
 Money due by July 19. NO REFUNDS.

*Cost includes everything.*  
*Rods, bait, fish cleaning, food, beverages etc.*  
**ALL YOU NEED TO DO IS SHOW UP!**

### CONTACT:

**Andy Carpe ext. 2118 [acarpe@pppl.gov](mailto:acarpe@pppl.gov)**

**Bob Tucker Jr. ext. 3190 [rltucker@pppl.gov](mailto:rltucker@pppl.gov)**



## Café at PPPL Menu

BREAKFAST ..... 7 a.m. • 10 a.m.  
 CONTINENTAL BREAKFAST ..... 10 a.m. • 11:30 a.m.  
 LUNCH ..... 11:30 a.m. • 1:30 p.m.  
 SNACK SERVICE ..... until 2:30 p.m.

Mark Gazo, Chef Manager

|   | MONDAY JUNE 24   | TUESDAY JUNE 25   | WEDNESDAY JUNE 26   | THURSDAY JUNE 27  | FRIDAY JUNE 28  |
|---|--|---|---|---|---|
| <b>COMMAND PERFORMANCE CHEF'S FEATURE</b> | <br><b>LINGUINE WITH BROCCOLI</b> | <br><b>CAJUN CATFISH W/ RICE &amp; BEANS</b> | <br><b>BAKED HAM WITH PINEAPPLE STUFFING</b> | <br><b>SHEPHERD'S PIE</b> | <br><b>TANDOORI GRILLED CHICKEN THIGHS</b> |
| <b>EARLY RISER</b>                        | Pork Roll, Egg & Cheese Croissant  | Farmers Omelet with Ham, Sausage, Bacon, Tomato, Onion  | Scrambled Egg Nests   | Zucchini Frittata   | Hungry Man (Pancakes, Eggs, Bacon, Sausage)   |
| <b>COUNTRY KETTLE</b>                     | Cream of Mushroom  | Chicken Barley  | Thai Chicken Coconut Soup   | Ham & Lentil  | Turkey Chili con Queso  |
| <b>GRILLE SPECIAL</b>                     | Open-Faced Sloppy Tom with Cheddar & Scallions   | Big Mac & Fries   | Beef Gyro   | Chicken Sliders with Chipotle Mayonnaise  | Fish Taco with Chipotle Cream   |
| <b>DELI SPECIAL</b>                       | Bacon, Arugula & Tomato on Multigrain Bread  | Pork Loin with Peppers, Onions & Avocado Mayo   | Breaded Chicken Cutlet with Lettuce & Tomato  | Tuna Melt on Rye  | Ham Salad Croissant   |
| <b>PANINI</b>                             | Balsamic Chicken with Mushrooms and Peppers  | Grilled Chicken Breast  | Veggie Quesadilla   | Pulled Pork, Broccoli Rabe and Aged Provolone Cheese  | Baked Chicken Reuben on Rye   |

MENU SUBJECT TO CHANGE WITHOUT NOTICE

[CLICK HERE FOR A PRINTABLE WEEKLY MENU](#)

## WEEKLY

Editor: **Jeanne Jackson DeVoe** ♦ Layout and graphic design: **Gregory J. Czechowicz**  
 Photography: **Elle Starkman** ♦ Web: **Chris Cane** ♦ Admin. support: **Pamela Hampton**

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