

## Super Picnic Planned

Saturday, June 27 from 2 to 6 p.m. here at the Lab a wonderful picnic will kick off the summer. It's a great opportunity for the PPPL family to get together and *relax* for a change, so come on out and play with your friends and colleagues.

Clowns will bring smiles to your faces, while the moon bounce and the dunking booth will provide laughs for all. For the artistically inclined, there will be spin-art and face painting.

You'll be able to prove your strength with the bell ringer, test your football and basketball accuracy with the pop-a-shot and the



*Picnic committee members make big plans for June 27. Seated, left to right, are: Rosemary Shangle-Johnson, Rae Federico, Jo Barbour, and Ceil O'Brien. Standing are: Angelo Candelori, Ed Gilsenan, Jim Conover, and Ray Pressburger.*

Photo: D. Krause

basketball dunk, or try your hand at volley ball, horseshoes, or baseball.

Then relax and enjoy cool jazz, hot dance songs, and rock and roll oldies with a professional DJ while

you picnic in style. In addition to the usual picnic fare of grilled burgers and hotdogs, marinated chicken and barbequed chicken will make your mouth water. Cole slaw,

*continued on page 2*

## ORR Update

Is PPPL prepared for the introduction of tritium in the form of the 1000 Curie (Ci) Test? Preparations for an Operational Readiness Review (ORR) to answer this question are now well under way.

Management Oversight Risk Tree (MORT) charts for every relevant department have been prepared to keep track of the hundreds of tasks that must be completed to get ready for tritium. Now these tasks are being completed as rapidly as possible. According to TFTR Project Head Rich Hawryluk, "With the contractor ORR scheduled for June, a tremendous amount of work is being accomplished in a very brief time period."

Ron Strykowski, along with Alan Upperco and Tom Egebo, works with department heads to develop plans and to keep track of progress. Strykowski explains, "During weekly ORR Management Task Force meetings, chaired by Dale Meade, managers identify critical issues. Questions that must be answered are: What's the problem? What's the impact? What's the workaround plan? What kind of support is needed to solve the problem—for example, would additional manpower help?"

Right now, a major area of concentration is the preparation and approval of "operating and alarm response procedures" and the subsequent training of tritium operators. Once tritium operators are trained and certified, they will be closely questioned by the ORR team. Notes Strykowski, "They are as critical to the successful operation of TFTR during the deuterium-tritium phase as a well-trained pilot is to the safe, efficient operation of an airplane."

Other particularly critical issues include: construction of heating, ventilation, and air conditioning modifications; installation and testing of tritium area monitors; stack redesign; and construction of the radiation waste and decontamination facility.

MORT chart areas in which tasks are 90 percent or more complete include: tritium systems hardware; the meteorological tower, Radiation Environmental Monitoring Laboratory (REML), and the 1000 Ci Test Plan. Thanks to those in charge for a job well done!



# Super Picnic

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potato salad, baked beans and corn on the cob, plus sodas, lemonade, iced tea, beer and wine will satisfy both hunger and thirst.

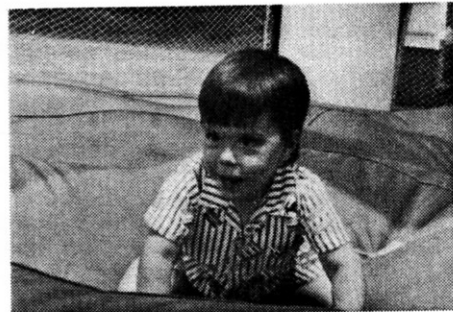
Then, round out your picnic with an cold treat from the ice cream truck. Choose a sno-cone, an ice cream sandwich, chocolate or strawberry chief crunch, twin pop, italian ice, fruit bar, or another ice cream novelty. (*Don't forget to save your ticket to redeem for your ice cream!*)

The price for PPPL employees and their *immediate families* is \$5 for adults and \$2 for kids through age 12. For subcontractors and temporary employees, tickets are \$10 for adults and \$5 for children (because their entry is not subsidized through the Lab.) Kids under two come free. Tickets will be available from the receptionist in LOB lobby starting Monday, June 1 during the hours of 8 to 9 a.m., noon to 1, and 3 to 4 p.m.

This year's vendor, "The Planner's Alternative" of Morrisville, Pennsylvania, is well known for providing creative, fun events. Says Executive Director Alan Rambam, "Because of our experience and relationships with service people, caterers, and others, we can orchestrate a truly worry-free and inventive event with a fun theme and excellent food."

Recommendations from three organizations who hired "The Planner's Alternative" described them as "professional, creative, well-organized, courteous, and prompt," thus verifying Rambam's description of his organization. With that recommendation, we're confident this year's picnic will be the best ever!"

Tents will be up in case of rain, so come on out for a day a fun and companionship, rain or shine!



*Picnic pastimes from previous years will once again highlight the 1992 PPPL picnic. Shown are: the 1984 ponyrides, the 1985 "dip in the drink" for former Deputy Director for Technical Operations J.R. Thompson, the 1990 Moon Bounce for Andrew Lawson (son of employee Dolores Lawson), and a beautiful basketball dunk from 1991.*

## Driving and Putting for PPPL

### Golf in Full Swing

The 1992 golf season has teed off to a soaring start with 76 Princeton University League players (about half from PPPL) out in force. They play each Tuesday, 4 to 6 p.m., from now through August 25.

Just why do so many PPPL employees who are golfers choose to play with the League? Roger Gould, whose most frequent partner has been Henry Bornkamp (retired), has been in the League since 1978. Says Gould, "I really enjoy playing in the League not only for the golf, but also because it's a great way to meet people I wouldn't ordinarily see every day—both from PPPL and from Main Campus."

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## Driving and Putting

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The League can field up to 48 two-person teams who square off against each other for nine holes at Cranbury Golf Course and Bunker Hill Golf Course—alternating courses each week. (During other seasons different courses have been used.)

A preseason tournament highlighted Lab golf talent, with both PPPL and Main Campus (MC) boasting winners in several categories: *Low Gross*: George Vanderswag (MC); *Low Net*: John Clarke (retired, PPPL); *Longest Drive, Men*: Dave Sutton (PPPL), Bart Francescone (MC); *Longest Drive, Ladies*: Helen Morris (MC); *Closest to Pin (on Par 3's)*: Rich Myslinski (PPPL) and Dave Stirrat (PPPL).

Another 18-hole tournament will be held in mid-September to wind up the season. If you'd like to play in the fall tournament or have



**Veteran Princeton League golf team Joe File (front) and Charlie Bushnell prepare for a putt. They've been playing together since 1968.**

Photo: D. Applewhite

questions about the League, call League Secretary Gene Baker (PPPL) at 3231.

## Golf a Long Tradition

For over 25 years men and women golf enthusiasts from PPPL have teamed up to try for that hole-in-one. Informally, Lab golfers have been getting together since the 1950s. Each year some new players join the League while others drop out, but there are some who are loyal forever.

Joe File and Charlie Bushnell, who have played together since 1968, are the longest-standing team. Bud Bosley, who has been playing since he came to PPPL in 1959, has partnered up with PPPL's Roland Snead for the last 15 years. Before that, he teamed with Al Terry from Main Campus.

Other famous (or infamous?) golfers who play or have played for PPPL are: Joe Davenport, Don Grove, Dan Kungl, and Dave Mullaney. While a number of women from Main Campus are in the League, the only woman to play for PPPL is Sara Flohr. More women are encouraged to come on out and play!

## Bosley Loves Golf, Club Repair

Whether you're looking for a good game of golf or for a golf club repair, Bud Bosley's the man to call.

Bosley, who has been playing golf since grammar school, explains, "Once, when I broke a club, I had it fixed through a course shop, which took *seven months*. That's when I decided to fix my own clubs." Since he made that decision, Bosley's work has grown so much that he has a one-man shop. There,



**Bud Bosley checks out a club in preparation for repair.**

Photo: D. Applewhite

he has fixed many clubs for fellow players.

"To learn how to fix clubs, I read library books, sent off for books and just worked with the clubs," notes Bosley. Now I can do all kinds of repairs—from fixing the shaft, to refinishing, to custom weighting of clubs."

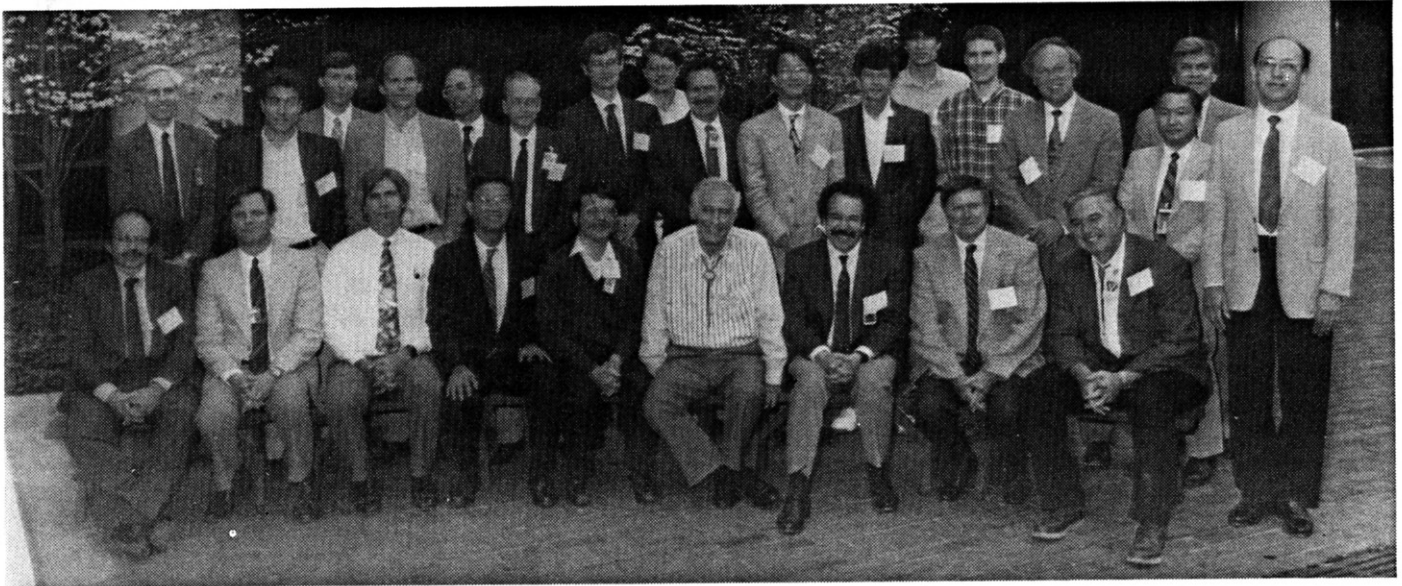
But Bosley's enthusiasm for golf club repair has not diverted him from his enjoyment of the game itself. He has many trophies to his credit. He has played with other leagues in addition to the Princeton University League. During the 1980's he even ran tournaments with 30 to 90 players.

Bosley has also passed his love of golf on to the next generation. He can be seen on the course with sons Eric and Scott who was on the golf team in college.

*Edna Kalmus suggested and contributed to this article.*



# What's Happening at PPPL?



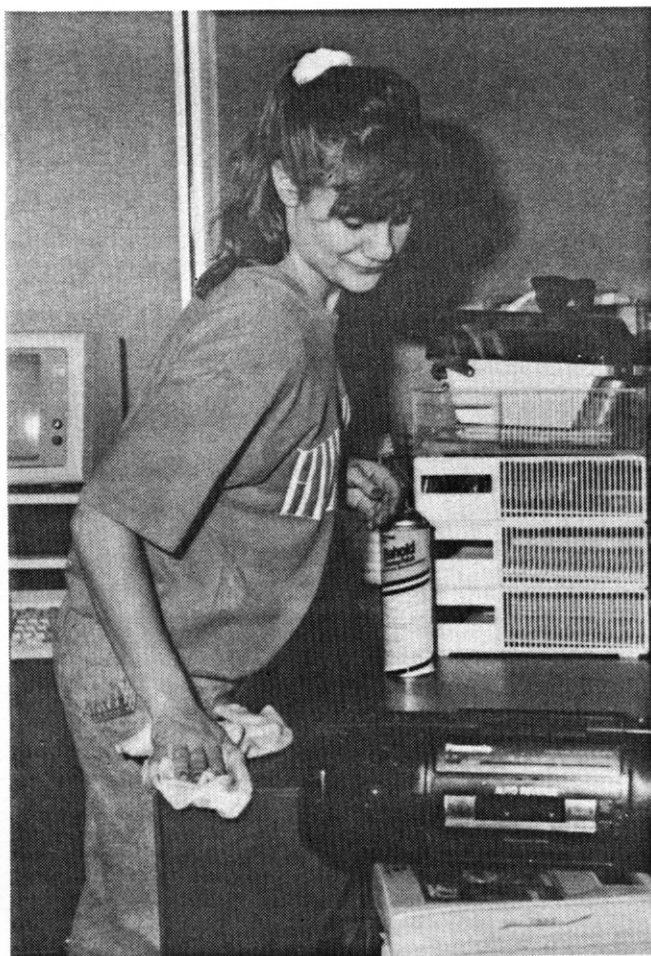
In honor of Thomas H. Stix (seated, center), an "Advances in Plasma Physics" symposium was held here May 4 and 5. Pictured are many of the PPPL graduate student alumni who attended, including, seated: David Book (64), Ned Sauthoff\* (75), Stephen Jardin\* (76), Alfred Wong (63), Randy Wilson\* (80), Stix, Robert Goldson\* (77), Charles Kennel (64), and Herbert Berk (64); standing are: Joseph Orens (74), Howard Milchberg (85), C. Richard DeVore (rear) (86); Daniel Dubin (84), Ernest Valeo\* (rear) (71); Richard Marchand (79), Glen Wurden (82), Greg Hammett\* (rear) (86), Richard Ellis (70), Taik-Soo Hahm\* (84), Peter Beiersdorfer (88), Steven Cowley\* (rear) (85), Douglass Darrow\* (88), Willam Krur (69), Hulbert Hsuan\* (67), Ronald Davidson\* (rear) (66), Stephen Bodner (65). Alumni symposium attendees who are not pictured are: Amitava Bhattacharjee (80), Adil Hassam (78), Jay Albert (85), John Krommes\* (75), Masayuki Ono\* (78), and Steven Orszag (66). Many of these alumni benefitted from having Dr. Tom Stix as a professor of Astrophysical Sciences, as Associate Chair of the Department, and as PPPL's Associate Director of Academic Affairs. (See *HOTLINE* story, September 23, 1991.) \*This alumnus is presently a PPPL employee. Photo: D. Applewhite



Some of the PPPL inventors invited to celebrate their achievements at the May 6 Patent Awareness dinner gather outside Prospect House. Pictured are, first row, left to right: Nathaniel Fisch, Carl Potensky, Michael Zarnstorff, Shoichi Yoshikawa, Sherrie Preische, Joe Cecchi, Masayuki Ono, Szymon Suckewer, and Russell Kulsrud; second row: Michael Vocaturo, John Timberlake, Jim Stevens, Pete Bonanos, Sam Cohen, Cary Forest, Robert Motley, Tom O'Connor, and Lew Meixler; center, rear: Steve Cowley, Charles Skinner, Larry Guttadora, Mike Williams, and Henry Kugel. For a list of their inventions, see the January 24, 1992 issue of *HOTLINE*. Photo: D. Applewhite

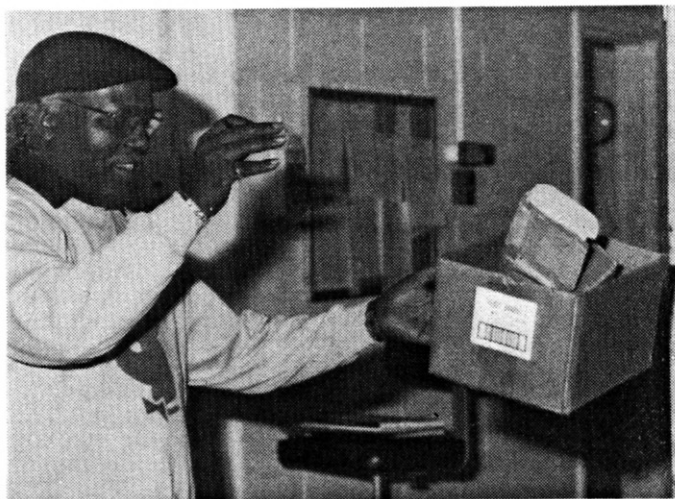
**During the 1992 Robert A. Ellis, Jr. Memorial Lecture, Dr. Carl Spight (left) spoke on the topic, "The Possibility and Reality of Participatory Diversity in Science: Whose Science is it Anyway?" Here, Spight chats with Victoria Ellis, widow of Dr. Ellis, during a reception here before the talk on May 13. One of the pioneers in magnetic fusion, Ellis' career at PPPL spanned more than 30 years. Spight works for Jackson, Tull, and Graham, Inc., in Chicago, Illinois.**

Photo: D. Applewhite



**An annual tradition at PPPL, Clean-up Day was held Friday, May 8. Below, Rock Boyd tosses boxes from the Stockroom, while Teresa Chapman dusts a desk in the Purchasing Department. Thanks to everyone for "pitching in!"**

Photos: D. Applewhite





## EVES to Announce Emergencies

Nostalgic but true—the siren which has so often startled us in our C-Site offices will no longer be heard. Officially decommissioned on May 7, it has been replaced by the Emergency Voice Evacuation System (EVES), now the official medium to inform us of emergency evacuation or shelter procedures. Sounding like the human voice, EVES should be easier on the ears and elicit a calmer response than the old siren. (It did quicken the pulse though, didn't it?)

## TRANSITIONS

### New Hires

A warm welcome to recent PPPL new hires!

**Jack Gioia** is a Vacuum Electronics Engineer in Engineering.

**Maris Wieczorek** is an Environmental Engineer in Environment, Safety and Health.

**Lori-Ann Woodard** is a Quality Assurance Engineer in Quality Assurance.

## CLASSIFIED

### For Sale

**Heavy duty dog run:** 5 and 1/2 feet wide by 14 feet long and 6 feet high; in excellent condition; \$200; please phone Natalia Bayes at extension 2238.

## HOTLINE

Editor: Carol Phillips  
 Writer: Johanna Van Wert  
 Layout: Greg Czechowicz  
 Joseph L. Belica  
 Photography: Dietmar Krause  
 Denise Applewhite  
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 Dan Klinger

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PRINCETON PLASMA PHYSICS LABORATORY

# PICNIC

**Saturday, June 27th**  
 2:00pm to 6:00pm  
 RAIN or SHINE

—Tickets—  
**\$5 Adults**  
**\$2 Children-12 & Under**  
**Children under 2 FREE**

Tickets on sale at  
**C-SITE RECEPTION DESK**  
**DAILY**  
 8:00am to 9:00am  
 12:00pm to 1:00pm  
 3:00pm to 4:00pm  
**Deadline: June 19th**









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