

# HOTLINE

The Princeton Plasma Physics Laboratory is a United States Department of Energy Facility

## Staff Honor Co-workers Through Employee Recognition Awards



The recipients of the 2000 Employee Recognition Awards are, from left, Greg Rewoldt, Colin McFarlane, Tom Holoman, Neil Pomphrey, Ceil O'Brien, Joellyn Lumberger, Wilbert Barlow, Marie Robbins, Steve Green, Antonio Morgado, Tom Egebo, Verne Clift, Don Perez, and James Nah. Not pictured is Steve Kemp.

On January 23, those employees who “significantly contributed to a productive and harmonious work environment” in 2000 received Employee Recognition Awards during a special ceremony in the Lyman Spitzer Building Lobby. The honorees for 2000 are Wilbert Barlow, Verne Clift, Tom Egebo, Steve Green, Tom Holoman, Steve Kemp, Joellyn Lumberger, Colin McFarlane, Antonio Morgado, James Nah, Ceil O'Brien, Don Perez, Neil Pomphrey, Greg Rewoldt, and Marie Robbins.

“The Employee Recognition Program was established to recognize those PPPL employees whose combination of professional achievements and personal characteristics have been deemed outstanding by their co-workers. I congratulate the recipients on their overall contributions to the Laboratory and for their efforts toward encouraging a congenial and respectful work environment,” said PPPL Director Rob Goldston.

Following the awards ceremony, a luncheon was held in honor of the recipients in the overlook area to the NSTX Control Room.

Five years ago, the Director's Advisory Committee on Women and the Quality Improvement and Renewal Committee at PPPL developed the awards to recognize those employees who have “outstanding achievements and personal characteristics.” Several employees are recognized each year. Those honored are selected from nominations submitted by other employees. All full-time staff at all levels are eligible for nomination.

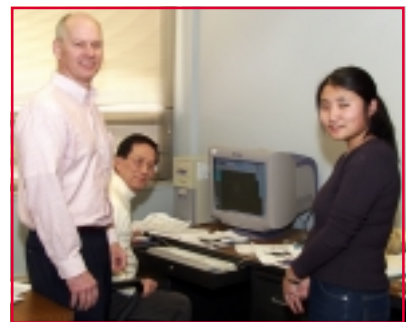
The 2000 selection committee included Andy Carpe, Rosemarie Fuchs, Dick Majeski, Autumn Percival, Ken Tindall, Patti Wieser, and Al von Halle. Congratulations, honorees! ●

# Students Sample the Engineering Life at PPPL

On Wednesday, February 21, area high school students came to PPPL to learn such things as hooking up the necessary hardware for a teleconference meeting, collaborating with engineers and physicists on projects, and how to produce engineering designs on a computer. The 12 students were here for the Lab's Engineering Day activities, which were arranged by PPPL Engineer Alex Ilic as part of other events organized throughout the area by the Professional Engineering Society of Mercer County. At PPPL, John DeLooper gave a presentation on plasmas, Tom McGeachen led a tour of the experimental areas, and individual students were assigned to "walk in the shoes" of engineers. The visitors from Hamilton,



Ewing, West Windsor, Plainsboro, and Princeton schools received first-hand experience in various engineering disciplines. Tom Dobinson, a student from Hamilton's Nottingham High School who is interested in chemical engineering, attended a National Compact Stellarator Experiment teleconference meeting in the Engineering Conference Room. The meeting included in-person staff from PPPL and researchers from Oak Ridge National Laboratory (ORNL) who participated remotely. Prior to the meeting, Dobinson worked with Joe Sigg, a co-op student, to hook up a video projector with a computer and to employ a teleconferencing device. Phil Heitzenroeder explained that PPPL and ORNL have weekly meetings about the project using teleconferencing. "This



At top are the PPPL engineers and students, with Alex Ilic at far right; above is (from left) Phil Heitzenroeder, Joe Sigg, and student Tom Dobinson; at right is (from left) Art Brooks, H.M. Fan, and student Xuan Zhu.

saves money and hours sitting in a plane," said Heitzenroeder. During the meeting, Dobinson listened in as Wayne Reiersen and other researchers discussed long-range plans for the project. Down the hall, H.M. Fan and Art Brooks showed Princeton High student Xuan Zhu a computer configuration of a stellarator design that PPPL is working on with researchers from Auburn University. Said Zhu, "I'm interested in everything. I wanted to see what's out there," explaining that the day gave her exposure to various engineering disciplines. Thanks to the following engineers who assisted with the day: Mounir Awad, Eugene Baker, George Barnes, Bill Blanchard, Art Brooks, Tom Brown, Harry Bush, Henry Carnevale, Jim Chrzanowski, Bob Ellis, Russell Feder, Charlie Gentile, Geoff Gettelfinger, Chang Jun, Mike Kalish, Charles Kessel, Art Klink, George Labik, Dana Mastrovito, Gary Oliaro, Dave O'Neill, Bob Parsells, Bruce Paul, Erik Perry, Robert Persing, Steve Raftopoulos, Wayne Reiersen, Lane Roquemore, Phyllis Roney, Mike Viola, and Irving Zatz. ●

## HOTLINE

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# PPPL Hosts Regional Science Bowl®

## East Brunswick High School Beat 21 Other Teams to Take Home The Top Prize

Think of it as a day of Jeopardy-like tournaments, only all the categories were disciplines of science, all the participants were high school students, and the competitions took place locally. Oh, and instead of Alex, the moderators were volunteers from the area. The event was the New Jersey Regional Competition of the National Science Bowl® held on February 24 at PPPL. Twenty-two teams from 19 schools in New Jersey and Pennsylvania competed in the day-long bowl where they answered multiple-choice or short-answer questions in biology; chemistry; physics; astronomy; mathematics; and general, earth, and computer sciences. Each team was made up of four students, a student alternate, and a teacher who served as an advisor and coach.

“It was an exciting day. It’s nice to see student teams vying in a science competition with the same enthusiasm as those who participate in high school sporting events,” said PPPL Science Bowl Coordinator James Morgan.

East Brunswick High School took home the top prize of the regional competition and received an all-expense paid trip to Washington, D.C., to participate in the Eleventh An-

nual National Science Bowl®, scheduled to begin May 4, 2001. High Technology and Millburn High Schools placed second and third, respectively. Each of the three winning teams received trophies. The regional competition is sponsored by the U.S. Department of Energy and hosted by PPPL.

U.S. Representative Rush Holt, who represents New Jersey’s 12th Congressional District, welcomed the participants at the start of the bowl. Congressman Holt is a former Assistant Director of PPPL.

On hand throughout the day were several staff members and friends of the Lab who volunteered at the science bowl, serving as scorekeepers, timekeepers, moderators, and science judges. The PPPL Science Education Program staff thanks the following volunteers: **Ron Bell, Elizabeth Bell, John Bennevich, Bill Blanchard, Bill Davis, Michael Del Corso, John DeLooper, Jill Foley, Tom Gibney, Larry Grisham, Hillary Grisham, Karen Hirst, Dave Johnson, Igor Kaganovich, Paul LaMarche, Tom McGeachen, Sue Murphy-LaMarche, Carol Phillips, Allison Pieja, Michael Pieja, Andrew Post-Zwicker, Adam Rosenberg, Steven Saar, Barbara Sarfaty, John Schmidt, Steve Scott, Jef Spaleta, Karen Springett, Daren Stotler, Al von Halle, Thomas von Halle, Gregg Wielage, Patti Wieser, and Irving Zatz.** ●

Photo by John Bennevich



The High Technology team (at left table) vied the East Brunswick team during the final round at the New Jersey Regional Competition of the National Science Bowl® held at PPPL on February 24. East Brunswick High School won, taking home the top prize. At far left is PPPL’s Bill Davis, who kept score during the match and at far right is Science Bowl volunteer Steve Scott. In top left photo is the West Windsor-Plainsboro High School-North team, which participated in the bowl. Second from left is Jonathan Zatz, son of PPPL’s Irving Zatz.

# Local Officials Tune In to Hear the Latest about PPPL



Photos by Elle Starkman

*Twenty local government officials from surrounding communities, including county freeholders, mayors, elected committee members, school officials, and emergency services personnel, came to PPPL for a "Breakfast Briefing" on March 1. PPPL Director Rob Goldston discussed the present state of the fusion program and the Lab's major research activities. Following the breakfast and the presentation, many of the visitors toured the National Spherical Torus Experiment (NSTX) and the Tokamak Fusion Test Reactor (TFTR). DOE Chicago Operations Office Manager Marvin Gunn also attended the breakfast and tour. At top, Goldston delivers his presentation, "Fusion for the New Century." At bottom right, PPPL Engineering and Technical Infrastructure Head Mike Williams (left) describes the decommissioning project at TFTR to Gunn. At left, the officials prepare for the tour of the experiments at D-site.*