

Girls Skip School to Learn at Laboratory

Physicist Alan Janos's 9-year-old daughter cut classes on April 28 to go on a quest at the Laboratory. She was joined by dozens of other daughters, granddaughters, friends and relatives of PPPL employees who followed suit.

Snaking through the sulfur-colored tunnels that lead to TFTR and huddling in such forbidden spots as the TFTR Control Room, they came to the Lab to learn things that can not be taught in a classroom.

Alicia Janos summed up the girls' common search by saying, "I want to know what my daddy does."

Added Kim Gioia, the 12-year-old daughter of PPPL engineer Jack Gioia, "I came because I wanted to learn about computers and I wanted to know what my dad did all day."

Take Daughters to Work

The girls had all skipped school to participate in the Laboratory's first "Take Our Daughters to Work Day," which was initiated last year by the Ms. Foundation for Women. The day was started to bolster girls' self confidence and awareness of work options. It is aimed at girls between the ages of 9 and 15 because researchers have found that during those years, girls often begin to defer to boys.

During the day at the Lab, which was sponsored by the Director's Advisory Committee on Women, the youngsters, mostly between the ages 8 and 15, hooked up with mentors or stayed with their parents.



Photo by Dietmar Krause

From left, Susan Malsbury, Stephanie Wise, Sandra Bara, Celia Christianson, Melissa Awad, and Lisa Iverson tour the TFTR vacuum vessel mock-up.

Some played with computers while others learned about publications, sat in on meetings or watched safety demonstrations on air quality. Many listened to a countdown before viewing an experiment on TFTR. Gretchen Zimmer, who works in the Lab's Computer Division, showed 11-year-old Monica Zimmer (no relation) computer graphics.

Lab photographer Dietmar Krause demonstrated a typical workday to Kristen and Sandra Bara, who trailed him with cameras strung around their necks.

Dolores Lawson, who is the Assistant to PPPL's Director, Ronald Davidson, showed 15-year-old Evelyn Aquino how to send e-

mail. The two also met with Kay Collins of the Director's Office to discuss the planning of an upcoming meeting, including details on food and hotel reservations.

Said Lawson, "I think it's a wonderful idea. This would have helped a lot if I would have had a mentor."

Important Day

PPPL Director Davidson, during introductory remarks to the girls, said, "This is a very important day for the Laboratory."

Davidson showed pictures of Energy Secretary Hazel O'Leary, Martha Krebs, Director of the Department of Energy (DOE) Office

Continued on page 2

Daughters

Continued from page 1

of Energy Research, and N. Anne Davies, Associate Director for Fusion Energy at the DOE's Office of Energy Research. Of O'Leary, he said, "She is one terrific woman who is at the helm of this entire enterprise." He noted that everyone looks for role models—male and female—and these DOE women are three of the most significant people involved in energy.

"I wanted to know what my dad did all day."

—Kim Gioia

Following a video clip on fusion research, Davidson asked the audience if there was anything wrong with it. One responded, "There weren't any women in it."

The PPPL Head said he hoped there would eventually be such a video with female faces in it.

Deputy Director Dale Meade, who later addressed the girls, said, "Don't limit yourself to traditional roles for women. It's wide open.

You can do anything you want to do."

At the conclusion of the morning activities, which included spending an hour with mentors or parents and listening to Davidson and Meade, the girls toured the Lab.

While leading one tour of 9 and 10 year olds, PPPL engineer Lori-Ann Woodard pointed out the fiber optics cables along a tunnel ceiling that instantaneously carry information about the TFTR experiments. She told the girls about the tokamak, which she explained is a Russian word that means "donut shaped."

"The tokamak at PPPL is so big that a person can go inside," said Woodard, who also showed the group magnetic rings that are placed around the tokamak. "If we don't have that magnetic field, the heat will just disperse."

Woodard noted that there are only a handful of female engineers and physicists at the Lab. Another woman, indicating she would like to see an increase in the number of female scientists in the girls' lifetimes, said, "That's our hope for you."



Photo by Patti Wieser

PPPL Engineer Lori-Ann Woodard leads a tour group during "Take Our Daughters to Work Day" at the Lab.

As the tour progressed, a couple of little girls diligently scribbled notes in tiny white pads.

One of the note takers was eight-year-old Amber Raymond, who commented on her morning at the Lab. "It was really good. I learned alot—about the plasma," said Amber, who is the granddaughter of Sally Connell, a planning and control officer at PPPL.

Fun Day

Throughout the morning, many of the young participants described the day as a learning experience as well as "fun," including Casey Johnson, the daughter of PPPL physicist David Johnson. "I learned alot from people here that I didn't know, like the ways of fusion. And I found out some things about safety equipment," said Casey.

Eleven-year-old Katie Faul added that she learned "how everything works here."

"I learned about how everything is on computer and how it shows up," said Katie, who is the daughter of Jerry Faul, Deputy Manager of the DOE's Princeton Area Office.



Photo by Diemar Krause

PPPL Director Ronald Davidson addresses the "Take Our Daughters to Work Day" visitors. "This is a very important day at the Lab," he said.

Continued on page 3

Daughters

Continued from page 2

Stephanie Wise, 11, described the day as "a lot of fun" as well as educational.

"It taught me how to use the computer... You can type in a number and everything comes up on a screen," said the youngster, who is the daughter of Arthur Wise, a technical associate at PPPL. Stephanie added that she learned about many jobs at the Lab while her mentor, Joyce Bitzer, showed her around.

Good Opportunity

"I thought it would be a good opportunity to expose her to various opportunities available," commented Bitzer, who is a secretary at the Laboratory.

While daughters were curious about what occupies their parents during the day, parents also expressed what they wished the day would deliver to their daughters.

Jack Abraitis, a computer engineer at PPPL, said he brought his 11-year-old daughter, Stephanie, "Just to see the place and to see what I do all day."

Photo by Patti Wieser



PPPL photographer Dietmar Krause gets help from Kristen (left) and Sandra Bara.

Super Group

Lynne Yager, Chairperson of the Director's Advisory Committee on Women, said, "The Committee thanks everyone who worked so hard to make the "Take Our Daughters to Work Day" such a success at the Lab. We are especially grateful

to the 31 mentors, who included parents, grandparents, and volunteers at PPPL, as well as to Dr. Davidson, Dr. Meade, and a host of employees involved in planning the details of the day. Special thanks also go to the girls who participated. They were a super group."

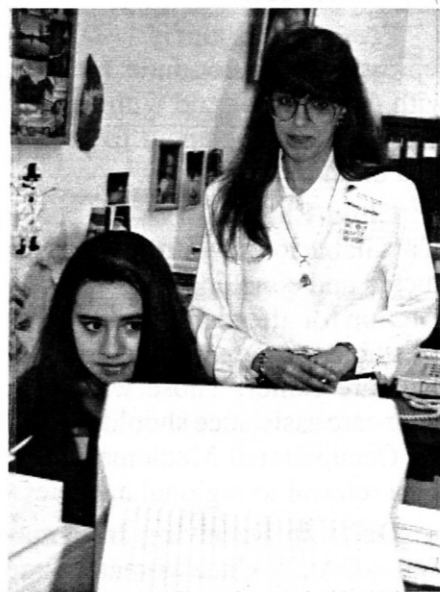


Photo by Patti Wieser

Evelyn Aquino (left) and her mentor, Dolores Lawson, send out e-mail.

Director's Advisory Committee on Women Tackles Issues

The Director's Advisory Committee on Women (DACW) agreed on one thing at the May 5 open meeting: the Laboratory's first "Take Our Daughters to Work Day" brimmed with success.

"I thought it was terrific," commented one employee to the group of about 30 in attendance.

Sara Flohr asked if others—like she—had gotten a kick out of meeting the children of their colleagues. Flohr also offered a suggestion to parents who plan to bring their daughters next year. Discourage them from wearing high heels because the day involves a lot of walking, she said. Phyllis Schwarz, offering words of encouragement to

those who had not participated in the day, said, "Get involved next year!" The day had been organized by DACW in conjunction with Princeton University's Women's Center.

**"Get involved
next year!"**

—Phyllis Schwarz

The 90-minute meeting, which was held in the LOB Commons, also focused on several issues, including the findings of the DACW Salary Adjustments Subcommittee, flexible work hours, the sexual harassment seminars being presented to all Lab employees, and training.

Laboratory Director Ronald Davidson and Head of Certification and Training Sue Murphy emphasized the value of training and urged everyone to take advantage of training that is offered. Said Murphy, "You're worth it!"

The DACW, which was established about 18 months ago to identify career development processes, enhance opportunities and identify barriers to the advancement of women within PPPL, has identified several subjects for review. These subjects and their status are:

Minority Representation on DACW—Minority members have been appointed to the Committee.

Continued on page 4

DACW

Continued from page 3

Sexual Harassment—The Sexual Harassment awareness training presented to management is now being required for all Laboratory employees.

Promotion/Salaries—DACW representatives continue to meet with the Director and with Human Resources management to review data on these topics.

Child/Elder Care—A survey of available local facilities was conducted and concluded that the best solution for affordable child care is to establish a cooperative corporate day care center. Those who need elder care assistance should contact the Occupational Medicine Office for a referral to regional agencies.

Delay in Receiving Information—DACW Chairwoman Lynne Yager and Bobbie Forcier of the Human Resources Division act as the PPPL contact persons to receive information from Main Campus on education and social programs, and distribute it as necessary. A bulletin board was installed to post items of interest to women and minorities. The bulletin board, which is located to the right of the elevators off the main lobby, will be maintained by

the DACW but its use is encouraged by others.

Representation of Women—Several women have been appointed to key Laboratory committees. This area will continue to be addressed.

The Laboratory thanks all members and advisors of the DACW.

Director's Advisory Committee on Women

Members

Sara Flohr
Judy Giarrusso
George Labik
Jane Murphy (honorary)
Cynthia Phillips
Faith Robak
Jeanne Salerno
Joanne Savino
Phyllis Schwarz
Lori-Ann Woodard
Eugenia Spears
Lynne Yager

Advisors

Dori Barnes
Diane Carroll
Mike Williams
Margaret Young

Spring Clean-Up

It's time to get rid of those mounds of scratch paper that are collecting dust and taking up space in your office. All employees are strongly urged to set aside a few hours on Friday, May 27, to participate in PPPL's Annual Spring Clean-Up Day for 1994. Staffers are encouraged to spruce up and clean out their personal and joint-use areas. To support this activity, the Stockroom has extra cleaning supplies on hand. The Stockroom is located in the first floor L-Wing at C-Site and can be reached on ext. 2113.

The Maintenance Staff and Janitorial Group will also be available to provide special assistance and help. For maintenance help call extension 3092, 3094, or 3377. For janitorial help call extension 3652; Additionally, Margaret King, Head of the Janitorial Group, can be reached on pager 099.



HOTLINE

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Girls Join Parents and Mentors at Lab

Photo by Kristen Bara



From left are Dawn Clydesdale, Lauren Lemunyan, Virginia Finley, Laura Satkofsky, Michele Williams, and Don Gallant.

Photo by Dietmar Krause



The girls sign in for a morning at the Lab. From left are Jill Kwiatowski (back to camera), Jessica Waterer, Joe Smith, Casey Johnson (in Princeton T-shirt), Leonid Zakharov, Dave Johnson, Maria Zakharov, and Sara Flohr (back to camera).

Photo by Dietmar Krause



Left to right in the front row are Sandra and Kristen Bara with their dad, Alan. Behind the Baras are, from left, Jennifer, Mounir, and Melissa Awad.

Photo by Patti Wieser



Alicia Janos works on the computer with her dad, Alan.

Photo by Dietmar Krause



From left, beginning with the front row and moving back row by row, are Jessica Waterer and James Kamperschroer; Sally Connell and Alicia and Alan Janos; Stephanie Browning, Alexis Schoen, Jami Stevens, Carol Phillips, and Joyce Bitzer; Pat Buggs; and Jack and Stephanie Abraitis and Jose and Evelyn Aquino.

Photo by Dietmar Krause



Some girls sat in on safety demonstrations. From left are Elizabeth Bell, Casey Johnson, Jill Kwiatowski, and Amber Raymond.

Photo by Dietmar Krause



From left are Ellen Webster, Jennifer Pratt (daughter of Pat Buggs), and Maria Zakharov.

Photo by Sandra Bara



Seated in the lobby, from left, are Stephanie Browning, Carol Phillips, and Alexis Schoen.

Photo by Patti Wieser



Sue Pontani shows Katherine Faul (far left) and Kim Gioia (middle) data on the display following a plasma shot.

Photo by Dietmar Krause



PPPL Deputy Director Dale Meade addresses a group of "Take Our Daughters to Work Day" participants.

Photo by Patti Wieser



From left are Jami Stevens, Pat Buggs, Stephanie Abraitis, and Becca Holcombe.

Photo by Dietmar Krause



PPPL physicist Cynthia Phillips discusses TFTR with a group of young visitors.