

# Hotline

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

## Electronic Publishing Blossoms

*Professional Journals and Reference Tools Available Electronically to PPPL Staff*

Imagine a world of information at your fingertips without venturing beyond your office — a place full of volumes of printed matter without a drop of ink or a single sheet of paper. Here, topics can be searched and information retrieved in a matter of moments. And professional journals can be read before they ever come back from the printer's.

### Wealth of Information

Such is the universe of electronic publishing, which is available to PPPL computer users by tapping into the World Wide Web. A wealth of information resources both at Princeton and around the Internet is available through the PPPL Library and the Princeton University Library (PUL) Web server, which has links to a rapidly growing list of professional journals, reference tools such as the Encyclopedia Britannica and the Oxford English Dictionary, and government databases.

Some journals are available electronically in full, while others only in part. A few require a password or special software, which can be obtained from the PPPL Library.

Electronic publishing offers speed and convenience to users, as well as search and retrieval capabilities that far exceed those offered in paper versions. "The biggest ad-

For instance, the Encyclopedia Britannica can be searched quicker and more thoroughly on-line than through printed copies. And since many professional journals will be posted on the Web before they are printed, researchers will be able to keep current with developments in the scientific world.

While most journals and reports are still printed, some are no longer distributed in paper form. "A lot of journals are being published only on the Web," said the PPPL Librarian, noting that PPPL Reports are now published in an electronic version only, which eliminates printing and distribution costs.

In addition, the library acquisitions list is only available on the PUL Web server. "Going on-

line with our acquisitions list both reduces our costs and makes the information more widely available," said Frazer.

To use the PUL Web server, just go to the Library under the Services



**PPPL Librarian Judy Frazer (right) and Sharon Brown tap into the world of electronic publishing at a computer at the PPPL Library.**

vantage for people at the Lab is that they can get information from their own computers. It saves a lot of time," said PPPL Librarian Judy Frazer. "They can also search by author, subject, or word."

Frazer noted that reference tools on the Web are particularly helpful.

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## Publishing

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by Organization section of the PPPL Home Page and from there, find the PUL.

Full text journals of interest to PPPL users that are available in an electronic version through the PUL Web server include *Astrophysical Journal Letters*, *Journal of Physics*, *Inverse Problems*, *Physical Review Letters* (requires a password or special software), *Plasma Physics and Controlled Fusion*, and *Plasma Sources Science and Technology*. Partial texts such as tables of contents, abstracts, and job postings are available from *Academe This Week*, *Current Contents*, *Nature*, and *Science*.

### CD-ROMs Available

There are also several CD-ROMs available locally, including the DOE's Energy Science and Technology database and Thomas Register (See box for list of CD-ROMs available at PPPL Library). In addition, there is access to three databases mounted on a CD server on the main campus and access to Current Contents on a vendor's server.

If you need help logging on to an electronic journal or database, or need a password or special software, contact Judy Frazer at the PPPL Library, ext. 3567. ●

## CD-ROMs Available at the PPPL Library

*Energy Science and Technology*

*INIS Atomindex*

*INSPEC (physics, electronics, and computer abstracts)*

*ISTP (Index to Scientific and Technical Proceedings)*

*Math Reviews*

*PhoneDisc Powerfinder*

*Random House Dictionary*

*Science Citation Index*

*Thomas Register*

## Electronic Journals of Interest to PPPL Staff

(Most are accessible from the Princeton University Libraries Web server)

### FULL TEXT

*Astrophysical Journal Letters*

*Journal of Physics (all parts)*

*Inverse Problems*

*Physical Review Letters\**

*Plasma Physics and Controlled Fusion*

*Plasma Sources Science and Technology*

### TABLE OF CONTENTS, ABSTRACTS, AND JOB POSTINGS

*Academe This Week*

*Current Contents\**

*Nature*

*Science*

\*Requires password or special software which can be obtained from the PPPL Library.

## HOTLINE

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# Barnes and Perry Named Designated Individuals

**D**ori Barnes and Erik Perry are the new Sexual Harassment Designated Individuals at the Laboratory. They replace Margaret Young, who recently retired.

The primary role of the Designated Individuals is to ensure that the Lab responds promptly and fairly to complaints of sexual harassment. A Designated Individual discusses the options for resolving complaints before the complainant discloses detailed information, so that he or she can make an informed decision. Options could range from getting advice on how to deal with sexual harassment to filing a formal complaint. Unlike counselors who have protected confidentiality, Designated Individuals, once given the name of a complainant and respondent, have insti-

tutional responsibility to seek a resolution, such as an informal mediation between parties.

"Our job is to see that the institution responds to sexual harassment complaints," said Dori, who will also be involved in sexual harassment awareness training at the Laboratory.

If the Designated Individuals receive a complaint, they will listen to both parties' sides and try to resolve the situation in an informal manner, without bringing the issue to management. While the resolution would be private, it would be documented.

Dori and Erik, who recently completed training for their new roles, would not serve as advocates for anyone filing a complaint. Said Erik, "Although we cannot act as advocates for or against the complainant,

we can direct them to other counseling available, such as the resources at the SHARE (Sexual Harassment/Assault, Advising, Resources and Education) Office on main campus."

SHARE contains resources and options for dealing with sexual harassment on campus, including providing confidential counseling, advice, or support. SHARE can also work as an advocate to report a complaint to the University. The Designated Individuals at the Lab are associated with SHARE.

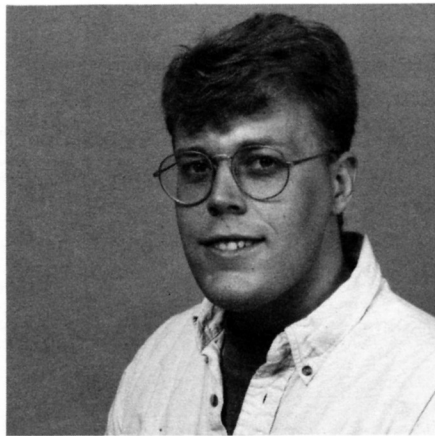
If you wish to discuss a complaint or want more information, call Dori at ext. 2557 or e-mail [dbarnes@pppl.gov](mailto:dbarnes@pppl.gov) or Erik at ext. 3016 or e-mail at [eperry@pppl.gov](mailto:eperry@pppl.gov). The SHARE Program is at McCosh Health Center, 258-3310. ●

## Two Graduate Students Awarded

**C**ongratulations to Mark Herrmann and Jon Menard, graduate students in the Plasma Physics Program. Herrmann is the recipient of the Ray Grimm Memorial Prize in Computational Physics and Menard received the Princeton University Graduate School's Honorific Fellowship for 1996-97.

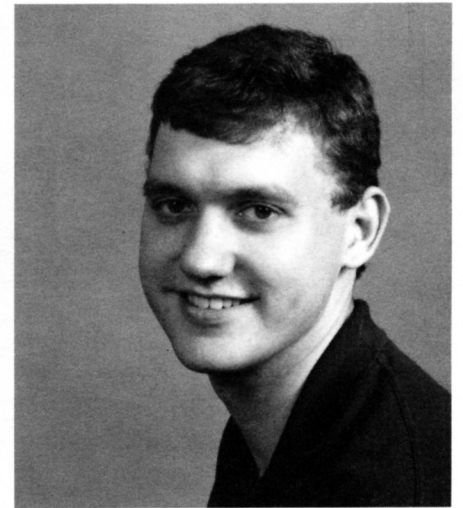
Herrmann, a fifth-year graduate student whose thesis advisor is Nathaniel Fisch, is doing theoretical research on alpha "channelling."

The Ray Grimm Memorial Prize in Computational Physics was established in May 1985 to honor Ray Grimm, a talented and popular scientist and teacher who taught computational MHD and supervised many students. It is given to a student in recognition of outstanding research achievements, academic merit, and creativity as a young computational physicist.



*Jon Menard*

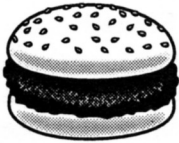
Menard has performed computer simulations studying the stability limits of spherical tokamaks such as the proposed National Spherical Tokamak Experiment (NSTX) device and is presently beginning experiments on the CDX-U device studying the viability of high harmonic fast wave heating of NSTX-like plasmas.



*Mark Herrmann*

The Honorific Fellowships were created to enable students to pursue dissertation research and writing on a full-time basis in their final year of university enrollment. Each department may nominate one student of outstanding academic merit. Each year, thirteen recipients are selected from the nominations submitted. ●

The Lab is pleased to provide an  
**Appreciation Picnic Lunch**  
for all PPPL Employees



**Wednesday, August 14**  
**Lobby Court Yard**  
**11:30 A.M.-1:30 P.M.\***



**Hamburgers ★ Hot Dogs ★ Grilled Chicken Breast**  
**Coleslaw ★ Potato Salad ★ Macaroni Salad**  
**★ Ice cream ★ Buffalo Wings**  
**Nachos ★ Potato Chips**  
**Soda**

\*Due to limited space, staff are requested to leave the Court Yard and Cafeteria when they have finished their meals. No alternative menu will be served. The Cafeteria will close at 9:30 A.M. the day of the picnic to prepare. The rain date is Thursday, August 15.