

PPPL Broadens Program Base

by Phyllis Rieger

If you ask someone what PPPL is known for, the words "fusion energy" come to mind. Spacecraft glow or plasma etching aren't usually mentioned. But in the future that may change.

To broaden its program and funding base, PPPL has launched a number of proposed project initiatives. Essentially, this means the Lab will be linking the interests and capabilities of the research and engineering staffs with the research and engineering programs of government agencies and industry. At PPPL, diversification seems to be the wave of the future, particularly with the reality that traditional sources of funding can be limited.

"The recent fluctuations in DOE funding for fusion research serve to remind us of the advantages of broadening the Laboratory's range of research to some extent," said PPPL Director Harold Furth. "The presence of diversified activities is poten-

tially helpful in stabilizing the effect of budget fluctuations by supporting part of the cost of Laboratory staff and facilities."

He continued, "Greater breadth of research is intellectually stimulating; such diversity is particularly valuable as the size of fusion experimental devices increases and the number of operating machines decreases. Our recent experience shows that participation in non-fusion projects can help broaden professional career opportunities."

Several years ago the Laboratory adopted a policy governing non-fusion research, which states: "The scope of research activities at PPPL may encompass research in plasma physics and other scientific disciplines related to fusion (examples: X-ray laser and space plasma physics). Non-fusion research projects have the same status as fusion projects, in the sense that new staff can be hired, and/or new facilities and support groups estab-

lished according to the available project funding."

Richard Rossi, coordinator of the diversification efforts, said, "We're aiming for

"Diversification is a Lab-wide effort and one that's important to broaden and strengthen our economic base over the next 10 to 15 years."

10-15% of the budget to be eventually directed toward new endeavors. With the Lab's strong research capabilities and outstanding scientific staff, we have the potential to meet this goal."

X-ray Laser Group Wins R&D 100 Award

PPPL's X-ray Laser Group, under the direction of Professor Szymon Suckewer, will be awarded a 1989 R&D 100 Award by R&D Magazine. This is the second such award for the group.

R&D Magazine recognizes laboratories responsible for the development of the 100 most significant technical products of the year. PPPL's X-ray Laser Group will be honored for the development of a Composite Optical X-ray Laser Microscope (COXRALM). The award will be made at a banquet at the Museum of Science and Industry in Chicago on September 28.

COXRALM combines an inverted phase-contrast optical microscope with a soft X-ray contact microscope. A complete description of this invention, as well as other exciting work currently underway in the X-ray Laser Group, is contained in the May 1989 PPPL Digest available in the LOB literature rack.

Dr. Suckewer and his team won an R&D 100 Award in 1987 for the development of a 18.2-nanometer soft X-ray laser. The COXRALM is an important application of this original invention. Scientists envision numerous applications for X-ray lasers in a variety of fields including physics, electronics, biology, and medicine.

Surveys Indicate Strong Interest

A survey, conducted by PPPL Head of Research Dr. Paul Rutherford, identified over 25 research areas and more than 60 physicists interested in participating in diversification efforts. Based on the information collected, Dr. Rutherford formed 12 research groups, each headed by a physicist, with a listing of researchers interested in pursuing particular projects. The groups and their chairman are: Materials Science and Semiconductor Processing, Joe Cecchi; X-Ray Sources, Ken Hill; Microwave Sources, Phil Efthimion; Laser Physics, Gary Taylor; X-Ray Lasers, Ernest Valeo; Space Physics—Data and Theory, Stan Kaye; Space Physics—Ground-Based Experiments, Rip Perkins; Particle Beams, Henry Kugel; Astrophysics, Russell Kulsrud; Advanced Scientific Computing, Russell Hulse; Fluid Mechanics, Neil Pomphrey; and Miscellaneous, Wolfgang Stodiek.

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Rossi commented, "I've attended many of the exploratory meetings of the research interest groups and it's encouraging to see the enthusiasm shown by the scientific staff to pursue independent research programs."

In conjunction with the research survey, PPPL Technology Transfer Officer Joe File undertook a detailed analysis of the Engineering Department outlining its specific areas of expertise for the various engineering divisions including electrical, mechanical, engineering analysis, engineering computing, and drafting. A brochure describing PPPL's engineering capabilities has been prepared for dissemination to other laboratories for possible new projects.

Touting PPPL's Expertise

Rossi said his new responsibilities include stimulating staff interest in program diversification, providing administrative

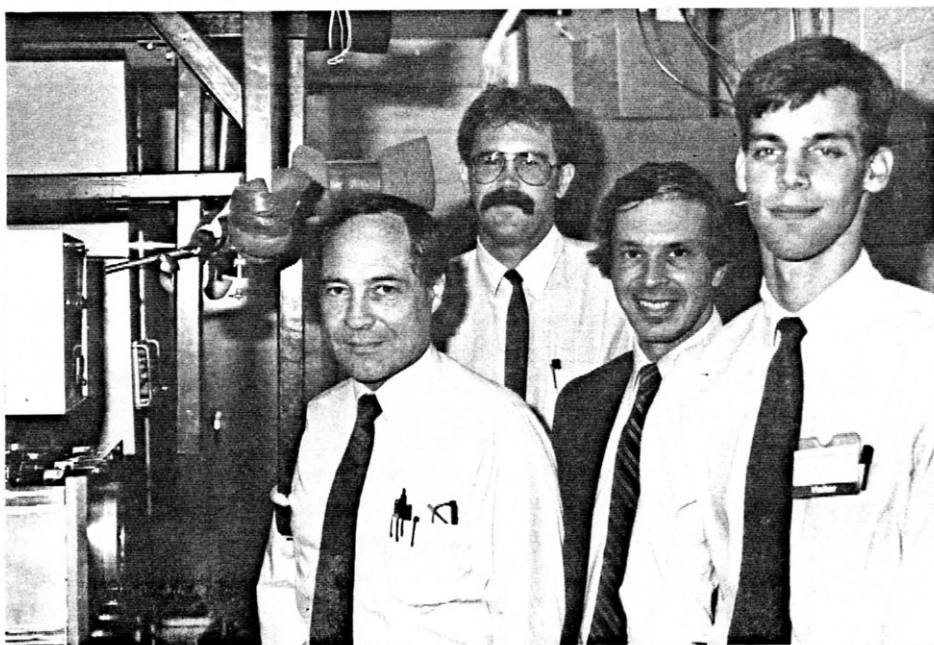
support for proposal preparation, and making potential sponsors aware of PPPL's expertise. "We've had a number of communications with area corporations and government agencies regarding our staff resources and interests. Securing sponsor support for research is a lengthy process. It begins with identifying an interest, then ascertaining the feasibility of sponsorship, preparing the proposal, etc. It can take from 12 to 18 months to complete all the steps involved."

He said, "Recently, technical and scientific representatives from the Marshall Space Flight Center met with PPPL staff to explore potential areas we could research in support of its programs. Additionally, a group of PPPL research staff, interested in space physics, discussed possible collaborations with representatives from the John Hopkins Applied Physics Laboratory."

Rossi pointed out, "Our program diversification efforts are patterned on similar endeavors conducted for main campus and

industry. Potential sponsors are identified by using past contacts of PPPL staff or by developing new referrals. We've had people come here and take a firsthand look at the Laboratory and meet with some of the staff. This type of outreach gives us a one-on-one opportunity to tout our current capabilities. In the Fall we plan to hold a

"Our program diversification efforts are patterned on similar endeavors conducted for main campus and industry."



(Photo by Dietmar Krause)

One example of the Laboratory's diversification and Technology Transfer efforts is PPPL physicist Joseph Cecchi's participation in the New Jersey Sematech Center of Excellence (NJSCOE) for Plasma Etching. NJSCOE is one of nine national centers of excellence chosen by Sematech to conduct research in various areas pertinent to semiconductor fabrication. Sematech is a nationally based industrial consortium, located in Austin, Texas, established to improve U.S. competitiveness in the manufacture of computer microchips and semiconductors. Shown here are, from left to right: David Richman from the David Sarnoff Research Center and NJSCOE Director; Terry Turner, from Sematech and advisor to NJSCOE; Joseph Cecchi, who is directing the plasma etch reactor development phase of the NJSCOE; and John Swyers, also from Sematech and advisor to NJSCOE. At the far left of the photo is the radio-frequency planar triode plasma etching reactor.

workshop on-site to which Federal Agency Program Directors will be invited to discuss sponsored research funding opportunities." He stressed that new research activities must be compatible with PPPL's DOE mission and not detract from on-going projects.

PPPL is a late comer to diversification. Idaho National Engineering Laboratory (INEL) and others have been doing this for some time with successful results. Although it took INEL five years to break even in the development of new contracts, it now is seeing the payoff.

Technology Transfer Possible

Hand in hand with research diversification is the possibility of technology transfer, allowing research to be more readily available to interested parties. The 1980 Stevenson-Wydler Technology Innovation Act and the 1984 Bayh-Dole Act stipulate that federal research should be made more readily available to private industry, and federally funded institutions must be held accountable for the transfer of research with commercial potential. The goal is a better integration of private industry and government.

Rossi stressed, "Diversification is a Lab-wide effort and one that's important to broaden and strengthen our economic base over the next 10 to 15 years. News of contracts, grants, etc. will be printed in **HOTLINE** on a periodic basis so that the staff is aware of our successful efforts." ❁

Pitch In, Recycle

Recycling Begins at PPPL July 17

by Phyllis Rieger

Recycling has come to PPPL. Effective July 17, all employees are required to separate for collection recyclable waste, such as glass, aluminum, paper, and cardboard. These materials should be separated where generated, then disposed of at the proper collection station.

Let's say you're eating lunch at your desk and reading the newspaper. When you're done, you might have a soda can, some waxed paper and aluminum foil, a brown bag, and the newspaper. You would empty and rinse the can, throwing it into the container labeled, "aluminum products." Containers for glass and aluminum will be placed near rest rooms for easy rinsing.

Your lunch bag, waxed paper, and aluminum foil would go into your office can or a nearby trash can that says "garbage only." The newspaper will go into a container marked "paper products" and these containers will be positioned near copiers, doorways, elevators, and other convenient locations.

Materials that can be thrown into "garbage only" trash cans include: air freight envelopes, carbon paper (shred if information on it is confidential), cellophane, damaged binders (but recycle the paper), foam cups, plates and trays, food waste, metal waste (for example, broken scissors, staplers, etc.), plastic utensils, rubber products, tobacco products, used paper cups, waxed paper, and writing implements (pens, markers, pencils, etc.)

Specific practices for collecting recyclable materials in your workplace, prior to depositing them at collection points, are up to you. You may want to place some small containers for paper and aluminum cans in a convenient location in your own office or work station. Then, at your convenience, you can bring your recyclables to a nearby collection point. However, all containers should be clearly marked so that janitors and others will not mistake them for other uses. Labeling these containers is important and questions should be directed to Jerry Williams, who's heading the recycling effort.

Why is the Lab recycling? "It's the law," says Associate Director for Administration Bob Smart. "New Jersey Law prohibits the disposal of recyclable materials into the waste stream. Like all other businesses and homes in Middlesex County we must carry out a source separation program. This program also affects 305/307 College Road."

Jerry Williams says, "Recycling does take a few minutes of extra effort. In the beginning, some people might forget to separate their trash. The janitorial staff will leave a 'pink slip' for those who forget, but we hope that everyone will pitch in to help. If you have any recycling questions, call me at extension 3595 or on page #582."

What you always wanted to know about recycling and other questions will be answered in a future **HOTLINE**.

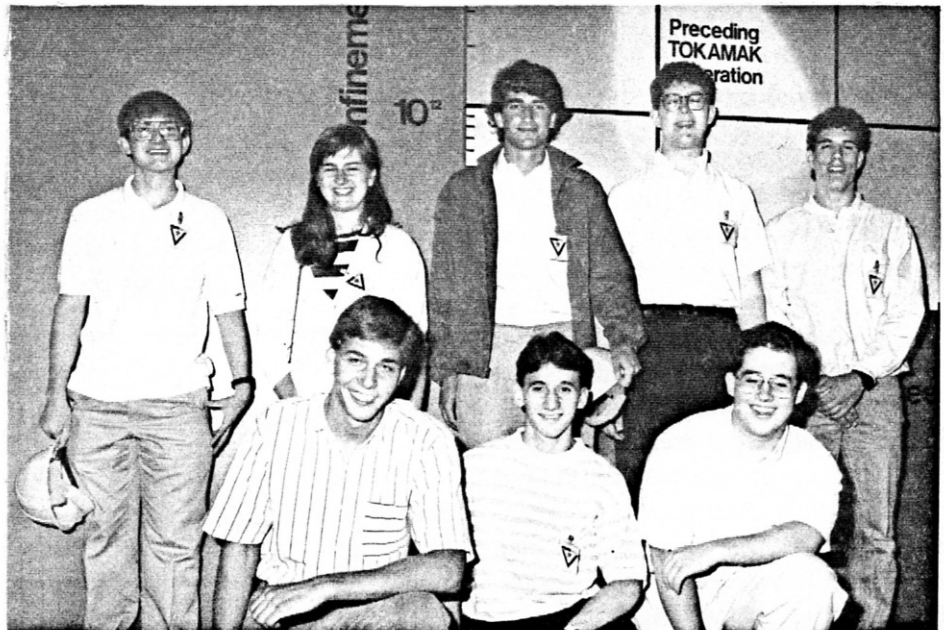
Summer Students Introduced to Science Careers

by Phyllis Rieger

Ten high-school students from Mercer and Middlesex Counties are being introduced to physics and engineering careers this summer while participating in the Lab's Science Award Program. U.S. Energy Secretary Admiral Watkins has encouraged research laboratories to participate in and devise science and math courses and opportunities for students in high school and earlier.

PPPL's program, in its sixth year, gives students a firsthand look at various kinds of careers and the chance to work one-on-one with science and engineering personnel. During the eight-week program, students may be analyzing data for physicists or assisting with an engineering project.

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(Photo by John Peoples)

High school students participating in PPPL's Science Award Program are: standing, left to right, Jonathan Fetter, Eliana Miller, Ian Nyberg, Greg Landweber, Glenn Pilato, and kneeling, left to right, Tom Bucsku, Mark Golden, and Matt Rockmore. Not pictured are Arnold Engelmann and Michael Marr.

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Student participants are selected on the basis of their academic achievements and interest in science and math. Meg Harmsen is program coordinator.

The 1989 students include: Tom Bucsku and Matthew Rockmore, Ewing High School; Mark Golden, Hightstown High School; Arnold Engelmann, Hopewell Valley Central High School; Jonathan Fetter and Eliana Miller, Lawrence High School; Ian Nyberg, Princeton High School; Michael Marr and Glenn Pilato, South Brunswick High School; and Gregory Landweber, West Windsor-Plainsboro High School. ✱

Saturday Science Success

by Phyllis Rieger

An introduction to fusion energy research proved to be the most popular seminar of the "Science on Saturday" program as more than 100 high school students, parents, teachers, and area community residents crowded into the M.B. Gottlieb Auditorium to listen to PPPL's Dr. Fred Dylla on May 6th.

Fred's own display of magnetic fusion energy in a vacuum wowed the audience as the purplish glow of plasma shone in the dark auditorium. Fred also updated the group on PPPL's progress and the growing interest in fusion. At another seminar, PPPL's Dr. Dennis Mansfield talked about horizons in laser technology to students who came from as far as south as Cherry Hill.

According to Meg Harmsen, program coordinator, "Science on Saturday is part of the Lab's educational outreach. Energy Secretary Watkins has stressed the importance of science in our schools and PPPL is committed to encouraging our future scientists of tomorrow." The 1989 program focused on fusion, lasers, space studies, fiber optics, and immunology.

She said a total of 79 high school students participated in the lecture series with eight awarded certificates for attending all six seminars. ✱

TFTR Poetry

Earlier this year, while on tour at PPPL, Mrs. Georgia Strong Witt of Hopewell, New Jersey felt inspired to write a short poem describing her impressions of TFTR. Her poem the "Tokamak" is given below:

TOKAMAK

Amid swales and woods and ploughed plains
at Princeton's plasma physics laboratory,
a twisted magnetic field is created in
a stainless steel, doughnut-shaped, trussed-up vacuum vessel
so that the ions and electrons within,
heated to a world-record 300 million degrees centigrade
(fifteen times hotter than the core of the great Day Star),
follow this field (not hitting and melting the steel walls)
long enough to collide, fuse, and
through their fusion produce power.

No uranium here, no plutonium or toxic waste.
Rather, the forms of hydrogen: deuterium
from the myriad surface waters of the Earth
and tritium from lithium
in limitless lodes on land and sea.
See Tokamak Fusion Test Reactor:
the eighty-ton eight-feet-high torus
contained in magnetic coils, with a crown of pipes,
and its contiguous neutral beam injectors, from which
the current shoots in to heat the plasma,
with added puissance from radio frequency force
and the huge flywheels on the motor generator,
environs of hundreds of hoses and tubes,
a substructural thicket of flues —
the whole immense awesome intricacy
is poetry when you think of your
great-grandchildren's warmth,
when energy spent will in some decade
reach "scientific breakeven":
the point at which fusion sustains its own heat
and harvests the much greater energy needed —
energy made, not the nuclear fission way,
but the clean way, the $E = mc^2$ way, the Sun's way.

Detour at Entrance to C-Site Planned

While Route 1 is widened from two to three lanes, it will be necessary to close the North Gates (in and out) for about one month. The Sayre Drive ramps will remain open; appropriate detour signs will be posted on Route 1 south of Sayre Drive advising people of the detour.

At this time, it appears that the closing will take place in the August/September

time period. The Lab will be advised about two weeks prior to the closing. At that time, appropriate notification will be posted in the *PPPL News Alert*.

If you know of anyone who will experience any unique problems that will require special traffic arrangements due to this closing, please let Bob Smart, extension 2652, know. ✱

307 Move Slated for 1990

by Phyllis Rieger

Plans are underway for the relocation of about 100 employees from 307 College Road East to C-Site. The move, slated for September, 1990, involves several steps including conversion of the C-Site Technical Building into offices with completion targeted for July, 1990. During the next few months the braze and tech shops will be relocated to the CAS and RESA Buildings so that renovations can begin by this October.

According to Bob Smart, PPPL General Manager of Facilities who's overseeing the reconstruction, "PPPL will be completely vacating 307 by October, 1990. This is both an economic and practical measure. Currently, most of those based at 307 are engineers but their projects are at C- and D-Sites. By having them in close proximity to the experimental devices and shops, they'll save time."

He explained a second floor will be installed in the high bay portion of the

Technical Building. The new offices will be comparable to those now at 307 with a mix of open and closed space. Many of the partitions at 307 will be used in the new offices. He does not expect the proposed Fusion Engineering Building (FEB), which would be next to the LOB, to be a reality in the foreseeable future.

Bob continued, "Some drafting staff will also move to C-Site while Computer-Aided Drafting and Design (CADD) will go to 305 College Road East which we'll continue to lease. The electronics shop at 307 will be relocated to a module at the CAS Building this winter."

Bob said he and the several others involved in the relocation are not daunted by the hard work ahead. "We all worked together before to meet the deadline for the previous consolidation," said Bob. "Cooperation is essential for a smooth transition and I know the Lab will meet this challenge with the same spirit." *

\$ Chairmats \$ Save Dollars

As the Lab does everything possible to squeeze more and more out of its maintenance dollars, worn carpets become both a safety and aesthetic concern. Deferring carpet replacement where it can be done without affecting safety, does offer the opportunity to at least delay significant costs while we are experiencing our present budget crisis.

In many cases, carpet replacement can be delayed many years by the simple use of vinyl chairmats under chairs with casters. Newer chairmats on the market are far easier to use than older ones, and they do not detract from a pleasant work environment. Staff in carpeted spaces should consider the purchase of these chairmats before their carpet becomes threadbare. They are available from Philadelphia Stationers.

Something's New at the Credit Union

Something new has been added at the Princeton University Employees Federal Credit Union. It's "Call-24 Audio Response Teller," and it allows you to request a withdrawal check or check your account balance or get other useful information about your accounts via a touch-tone phone. Here's how it works for a share withdrawal [be sure to press the pound (#) sign after each entry]:

Dial: 1-800-456-5038

The operator will ask for your account number. This is your social security number.

Enter: 1 + * + your social security number.

Press: #

The operator will ask for your personal identification number or "pin." This is your birthday. For example, June 2nd is 0602.

Enter: Month and day of birth

Press: #

The operator will ask for a transaction code. For a share withdrawal check the

code is SW (79 on the buttons); for a share balance the code is SB (72 on the buttons).

Enter: SW

Press: #

The operator will ask for an account suffix. In most cases this is 00 (zero zero).

Enter: 00

Press: #

The operator will ask for the amount of withdrawal. Say the amount of withdrawal is \$125.50, then you enter 12550.

Enter: Amount

Press: #

The operator will confirm the amount and ask you to press "P" to process the transaction or "C" to cancel the transaction. To proceed:

Enter: P

Press: #

To end the transaction you enter 1.

Enter: 1

Press: #

A check will be waiting for you at the Credit Union the next day. It's just that

simple. But, to make it even simpler there is one thing you can do and that is: have all of the above information written down in the order you will use it. If you get confused or make a mistake there is built-in "help" along the way.

It's hard to break old habits, but learning and using this new system will free up Credit Union personnel for other tasks and will help insure the accuracy of your transactions. Try it, you'll like it. *

New Telephone Prefix for Main Campus

Princeton University will be changing over to a new telephone system on Friday, September 1, at 5:00 p.m. This changeover will only affect Princeton University Main Campus employees. Their telephone numbers will no longer begin with 452; their new exchange will be 258.

There will be no impact on the PPPL CENTREX III telephone system; PPPL employees will continue to dial 7 + extension number to call Main Campus.

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If you experience difficulty reaching anyone at Main Campus on Friday, September 1, it may be due to telephone company activity on that line. Just hang up and try your call again later.

If you have any questions, contact the Telecommunications Office on extension 2694. *

Rain Men: PPPL's Softball Teams

by Phyllis Rieger

"A force to be reckoned with" is how coach Bob Raimond describes the PPPL "A" Softball Team, top ranked of the Princeton Business Softball League. So far, the League leading team has racked up 17 wins with only 3 losses in a season characterized by sudden downpours, gray skies, and soggy fields.

"We're a competitive team with the bottom line we want to win although we have a lot of fun doing it," said Bob who's a rookie coach with ten years of playing under his belt. "Lee Ellingham helps me out though," he said. Lee is a retired PPPL machinist who literally raises cane during the game by lifting it high in the air, shouting, "Jimmy, Jimmy, this guy's a hitter. Get out there. Get out there!" During a recent game with Base 10, an electronics firm based in Trenton, Lee expounded on the team's origins, tracing its birth to the old accelerator days, around 1959. The "B" Team evolved from the intramural games and has been in existence for the last six years.

Players represent various areas of the Lab, from Administration to Warehouse. Any PPPL employee is eligible to join. Almost 50 PPPLers gather Tuesday and some Mondays and Thursdays to play. Both PPPL's "A" and "B" teams are part of the Princeton Business Softball League which has an A and B Division and is divided into East and West. There are 20 teams in each division. PPPL's "A" and "B" teams play on Tuesday. While one team plays at home, the other plays away. The season lasts until August.

Some of PPPL's opponents include: McGraw-Hill, FMC, Paine Webber, General Foods, and Carter Wallace, among

others. Home games are played on the softball field behind the dispensary and most away games are played nearby.

"We encourage participation in two ways," said Bob. "You can be a player or root, root, root for the PPPL team. Seriously, we'd like to see more support from the Lab." Call Bob at ext. 3785 for schedule information or for "B" team information call coach Tom Holoman at ext. 2776. Games start at 6:00 p.m. with doubleheaders beginning at 5:30 p.m.

Those on the PPPL "A" team are: Tom Brophy, Colin McFarlin, Bob Kokal, Chris May, Ron Hatcher, Carl Scimeca, Phil LaRue, Sylvester (Bubba) Vinson, Ted Terpstra, John Wheeler, Jim Stevens, Joe Frangipani, Tim Tracy, Dave Wilbur, Ed Synakowski, Tom Gribbin, Bob Horner, Ray Pressburger, Rich Myslinski, Ken Silber, Jerry Williams, Ed Weisenberger, and Jim Synder.

The "B" team members are: Tony Bleach, Carl Bunting, Mark Bannister, Rich Meagher, Andy Vanisko, Joe Greco, Steve Raftopoulos, Dave Hwang, Jack Bartow, Dave Gayley, Frank Wasiowicz, Buddy Kearns, Rich Scillia, Lane Roquemore, Jose Aquino, John Luckie, and Harris Kohen. *

The Tireless Wonder

by Phyllis Rieger

You might call Jack Bartow the Nolan Ryan of PPPL. The 61-year-old project engineer has been a mainstay of Princeton Lab's softball teams, both A and B, for 28 years since he joined in 1961.

"Softball has been a major part of my life and I've really enjoyed it," said Jack who began his baseball career in Blue Bell, PA (outside of Philadelphia) as a pitcher for Whitpain High School.

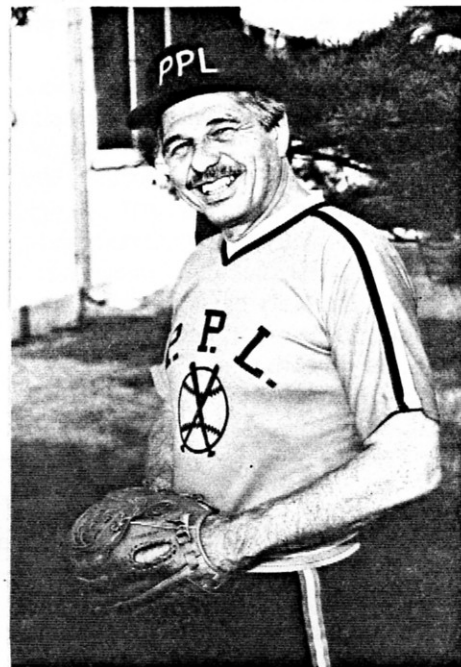
"Age is no barrier for a pitcher since pitching is primarily concentration and accuracy," explained Jack who estimates he's won over 300 games in his Princeton career. Currently, he pitches for PPPL's "B" team.

He reminisced about his early softball days at the Princeton Penn Accelerator (PPA) "where we practiced every day on the same field they use now," he noted. "A group of us were totally dedicated to the

sport. PPA's team often ranked first in the League and in 1969-70 we defeated the N.J. State champions in tournament play."

Besides softball, Jack's also bowled on PPA's team as did Lee Ellingham (see "Rain Men: PPPL's Softball Teams") who played with him.

This is Jack's last year for PPPL, but memories of his Princeton golden days on the diamond will go with him wherever he goes. *



(Photo by Ed Farris)

Jack Bartow

Looking for Keys

A set of keys on a red spiral key ring has been lost. If you find them, please call Security on extension 2536. *

Inter-office Envelopes Needed

Mail Room personnel will gladly pick up any excess Inter-Office envelopes. Leave them at the mail stop in your area. Please don't hoard. *

PPPL

In the News



(Photo by Dietmar Krasue)

Harry Howard

Harry Howard, Head of Quality Assurance and Control, was recently elected to the Borough Council of Barnegat Light, which, according to Harry, "is a little bitty town at the end of Long Beach Island that has a winter population of 700 and a summer population of 9,000 and is probably best known because it lies adjacent to Barnegat Inlet, the most dangerous inlet on the East Coast." Harry and his wife, Cathy (former Administrator for the Research Department at PPPL), have owned property at Barnegat Light for the past eighteen years, but have only been full-time residents for the past two years.

This is Harry's first experience with local politics. If asked, even as little as two years ago, he would have answered, "Not for me. It's a waste of time." What changed his mind? "I got involved," he said. "I attended a few Council meetings because I had something to say about an issue under discussion. I began to have fun, and I found out that you can really make a difference, especially in a small town. Also, I decided it was time I gave something back for all the services I have received over the years."

As a member of the Council, Harry also serves as the Commissioner of Water Supply and Sewage, a position he finds quite interesting. "You're really running a small utility," he said. "I enjoy working on the day-to-day problems. I get a great sense of satisfaction when I make a small change that improves the system."

Harry is trying to get more members of the community involved in Borough affairs. Looking to the future, he is encouraging the development of five-year plans for the various areas of township responsibilities such as water supply and sewage, docks, recreational lands, etc. He wants to draw on the talents of the local residents to make sure these plans are right for the community. ✱

TRANSITIONS

The **HOTLINE** offers congratulations to the following employees:

Births

Bill Davis, Computer Division, and his wife, Deborah, whose son, Kyle, was born April 2.

George Gammel, PBX-M, and his wife, Barbara, whose daughter, Joanna Elissa, was born May 24.

Tom Goodwin, AC Power in the Engineering Division, and his wife, Donna, whose son, Matthew, was born May 9.

Retirements

John Brown, Jr. who retired July 1 after 12 years of service. John was a Technician in Technical Operation's Electronic and Electric Shop.

Andrew S. Siroki who retired July 1 after 18 years of service. Andrew was a Technician in Technical Operations. ✱

Let's Talk Benefits

Vesting

On July 1 biweekly staff members who have been employed by Princeton for at least five years will be 100% vested in the Princeton Pension Plan. In the past, plan participants were not 100% vested until they had completed ten years of service.

Biweekly staff members with less than five years service on July 1, as well as those joining the University after that date, will attain 100% vesting on the date of the fifth anniversary. Employees who leave the University before accumulating five years service will have no vesting.

Vesting means that employees are entitled to receive a benefit from a pension plan when they retire even if they left the plan many years before. The shorter vesting period gives members of our mobile work force the opportunity to accumulate pension benefits from several employers over the course of their working lives.

Anyone with questions about the new vesting procedure or about the Princeton Pension Plan can call Bobbie Forcier, extension 2101.

Keeping Beneficiaries Up-to-Date

Are your life insurance beneficiaries up to date? If you'd like to check on them or make changes please see Eleanor Schmitt in LOB 151.

For changes in beneficiaries on your TIAA/CREF accounts, please see Bobbie Forcier in LOB 134. ✱

Obituary

Michael T. Ignas was killed in an accident on June 11. Mike was an Apprentice Computer Operator in the Computer Division. He is survived by his parents, Joseph and Dolores, three brothers, Joseph, Robert, and Shawn, and a sister, Susan. ✱

Our best story ideas for **HOTLINE** and "In Focus" come from you. So if you have an idea for an article or video segment, call Information Services. For **HOTLINE**, call Carol Phillips at ext. 2754. "In Focus" ideas can be channeled to Ed Farris, ext. 2090, or Phyllis Rieger, ext. 2752. What's your news?

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Produced by Carol Phillips

Martin House Works for the Poor

Recently, area business and community leaders attended a breakfast meeting hosted by American Re-Insurance Company of Princeton to preview a video telling about Martin House, a Trenton-based, nonprofit organization that helps Trenton's needy to help themselves. Featured in the video was actor Martin Sheen, an active supporter of the organization.

Martin House, which is located in Trenton, is a nonprofit outpost of the Catholic Church. It was established twenty years ago by Father Brian McCormick who manages the organization; its programs are staffed and run by volunteers. Martin House programs include the Better Community Housing of Trenton, Inc., which purchases dilapidated houses from the city and organizes volunteers to repair them; the Martin House Learning Center, which provides pre-school and after-school programs, tutoring, G.E.D. high school equivalency preparation, Boy and Girl Scout programs, sewing classes, and adult education programs; the Martin House Clothing Store, which sells used clothing that has been cleaned and mended; and other community outreach programs such as children's day camps and classes in health education, reading, and religion.

Better Community Housing of Trenton, Inc. (BCHT) is Martin House's biggest program. Since its beginning 18 years ago, BCHT has renovated 70 homes in the Trenton area, eleven of which have been fully paid off by their homeowners.

It is a lengthy and arduous path to become a homeowner under the BCHT program, but one well worth the effort. Participants must attend 50 hours of classroom training in carpentry, plumbing, and electrical work at the Mercer County Vocational College, must donate 50 hours in sweat equity (working with trained volunteers on someone else's home), and must work a minimum of 100 hours with skilled mechanics, laborers, and volunteers renovating their own house. As part of the purchasing contract to buy their homes, participants must pledge to work one day a month for the duration of the contract to "help a neighbor" build his or her home.

On the video Martin Sheen says, "More than 100 volunteers are working for Martin House right now. Everyone has their own



Father Brian (left) and Martin Sheen (right) talk during Sheen's recent visit to Trenton to make a video telling about Martin House, a self-help organization Sheen actively supports.

reason to get involved. Many do it out of love, to give something back to make the system we live in work better for all of us, not just for a chosen few. Martin House needs your help. If you can, come down and climb a scaffold with us, paint a wall, hang some sheetrock. I'm sure you all have some skills we can utilize, and you can share them with others who want to learn. If you can't, we also need your money.

And we promise it'll be used efficiently. Your own company should be run as well."

If you would like more information about Martin House or BCHT, would like to become a volunteer, or would like to make a monetary contribution contact the Martin House Community for Justice Foundation, P.O. Box 1025, 792-802 East State Street, Trenton, NJ 08606 or call Father Brian at 609-989-8143. *

Safety Training

The Occupational Safety Branch has scheduled the following safety training courses for July:

Course

Date/Time/Location

ASC Training/Meeting
[For all Technical (Lab and Shop) ASCs]

19 July, 3:00-4:00 p.m.
Theory Conference Room

Fire Extinguisher

20 July, 9:00-10:30 a.m.
Safety Training Trailer

Employees must obtain permission from their immediate supervisor to attend these classes. Supervisors should call Mary Ann McBride at ext. 3468 to enroll their employees.

Basic Safety is offered every Monday at 1:30 p.m. in the Safety Training Trailer.