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What's inside

Damian Purchasing Manager	(p.3)
Sports News	(p.2)
Property "Wish Lists"	(p.4)
Pulse Notes	(p.4)
Pulse Recipe and Profile	(p.5)

Promotions

Peter Binns, Bates, to Senior Technician
Richard Capodilupo, Bates, to Technician A
Frank Casali, Bates, to Mechanic A
Yuan-Hann Chang, L3, Research Scientist
Robert Clare, L3, to Principal Research Scientist
Richard Coviello, Bates, to Maintenance Mechanic
Mark Damian, Purchasing, to Purchasing Manager (see story p. 3)
Stephen Holmberg, Bates, to Senior Technician
Ernest Ihloff, Bates, to Assistant Group Leader, Mechanical
James Kelsey, Mechanical Engineering, to Manager Mechanical Engineering Services, Central Facilities.
David Latons, Bates, to Senior Technician
Larry Longcoy, Bates, to Senior Technician

William Nispel, Machine Shop, to Instrument Maker
Lawrence O'Brien, Bates, to Senior Technician
Robert Patterson, Machine Shop, to Project Machinist
Stephen Picardy, Bates, to Mechanic A
David Scoggins, Bates, to Senior Technician
R. Coles Sibley, Bates, to Assistant Group Leader, Electrical
Stan Sobczynski, Bates, to Assistant Group Leader, Mechanical

New Appointments

Jian-Ping Chen post doctoral, Nuclear Interactions Group
Tie-Shen Die - Postdoctoral, L3
Heather Grove, Senior Secretary, CTP
Andrey Korytov, Postdoctoral, Counter Spark Chamber
Stephen Pate, Postdoctoral, Medium Energy
Miroslav Plesko, Design Engineer, LNS Electronics Facility
Adam Sarty, postdoctoral, Nuclear Interactions Group
Yi Fang Wang, postdoctoral, L3
Patrick T. Welch, Postdoctoral, Medium Energy
Ashley Wodtke, Senior Secretary, EMI Group

In Memoriam Joseph K. Fish

The Laboratory was shocked and saddened to learn of the sudden death of Joe Fish on July 5, 1992. Joe had been at MIT for over 23

The Pulse

For the Personnel of the Laboratory for Nuclear Science

years. As an RF specialist, he was a member of the original crew who built and commissioned the Bates linear accelerator. After a subsequent stint with the computer group, he returned to RF development and testing on the South Hall Ring Project. Joe will be remembered for his professional contributions and his personable and kindly ways.

by Bill Lobar

Electronics Facility Hosts Student Intern

by Bernie Wadsworth

This past summer, the Electronics Facility acted as a host laboratory for **Felipe Luyanda** from Puerto Rico. Felipe was one of about thirty interns participating in MIT's Minority Summer Research Program. A student at the Mayaguez campus of the University of Puerto Rico, Felipe had completed four years of his five-year program in the Department of Electrical and Computer Engineering, and he was admitted to the MIT program based on very strong recommendations from his professors in Puerto Rico.

True to these letters of recommendation, Felipe proved to be an intelligent and highly motivated individual. He had no difficulty fitting into our lab and he quickly learned to use the instruments and test equipment, worked well with the other people in the group, and became productive within a week of his arrival. With **Bernie**

Wadsworth as his mentor and **Cristiano Gomes** acting as tutor, Felipe made a significant contribution in projects involved with the LVD experiment at Gran Sasso, Italy, and for the SSC GEM muon detector R&D here at LNS.

Luyanda is president of the local student chapter of the Institute of Electrical and Electronics Engineers (IEEE) in Puerto Rico. He clearly has leadership potential and has been encouraged to apply for graduate studies at MIT. Having Felipe work in the LNS Electronics Facility was a very positive experience for us, and we look forward to hosting another intern next summer.



Retirement Party Held for DeChicco

by Donna McNamara

After 36 years of service to the Laboratory, Tom DeChicco will retire at the end of October. The Purchasing Staff wanted to do something really special and different and so it was decided to book a cruise around Boston Harbor on the "Spirit of Boston." The weather cooperated with us and it turned out to be a great day. The menu was boiled lobster with a buffet lunch. Dr. Eppling gave a brief speech about Tom's history at LNS. With the help of everyone

who contributed, we were able to give Tom a Seiko World Time watch and a Season's ticket to the Mass Lottery so that when he wins the Mass Millions he can take us on a Harbor Cruise. After Dr. Eppling's presentation we enjoyed a little entertainment from the ship's crew.

Non-Sense Softball Defeated in Quarter Finals

by Earl Haywood

The LNS Campus Softball Team completed its 1992 season in the MIT Community League with a 5 and 5 record in Division 6. For the second straight year the team made the play-offs, but was defeated in the quarter finals. To make matters worse, the winning team was "The Pits" from Division 7.

Captains this year were **John Lackey, Bill Schmitt and Earl Haywood**. Team members were: **Larry Ahle, Ernie Bisson, Vince Cianciolo, Ron D'Agostino, Frank DiFilippo, Steve Dolfini, Wilson Fong, Jeff Grandy, Phil Henderson, Sr., Thomas Kettler, Dan Martinez, Louise Morin, Chuck Parsons, Steve Pavlon, Cliff Peacock, Jr., George Stephans, Mark Wang, Darryl Williams, and Joe Mandeville.**

Next year's captains are **Larry Ahle and George Stephans.**



After the regular season the team played Bates. With a little help from their enemies, Bates won the first game 14-9. With no intentional help from us, Bates won the second game 22-16, preserving their undefeated record **Just wait 'til next year!**

Bates Beamin' Demons Complete Season in Third Place

by Joe McCormack

The other LNS (Bates) and EMS softball team; the Bates Beamin' Demons (B.B.D.) completed their 1992 MIT Community Softball League season with a 6 and 4 record in Division 5. It was the first year the B.B.D. was in the league and they finished in third place. The team made the play-offs but was defeated in the first round in extra innings 14-13 by a team in Division 3.

The team captains were **Ernie Bisson** and **Joe McCormack**. Team members included: **Bob Abruzzio, Jim Grenham, Harry Eisner, Rich Campbell, Rob Campbell, Dave Scoggins, Steve Ciacara, Pete Binns, Dan Tieger, Jim Kelsey, Karen Dow, Steve Holmberg, Pat Welch, Earl Haywood, and Rosario Silvestri**. Also assisting in the team's efforts were: **John Lackey, Dan Martinez, Steve Dolfini, and Jay Flanz**.

After a good season the team had two wins over the LNS campus team; Lab Non Sense. The Bates

team borrowed a couple of players from campus and still won 14-9. The next game played at Bates was a slug fest with the B.B.D. on top 22-16. This preserves Bates perfect record at Bates with no losses. Both games were hard fought and well played. The B.B.D. would like to thank Lab Non Sense for the games and congratulate them on a winning season.

Damian New Manager of LNS Purchasing Office

Prof. Robert Redwine, Director of LNS announced that Mark Damian is the new manager of the LNS Purchasing Office. Damian's appointment was effective September 1, 1992 and he replaces Tom DeChicco who is retiring October 31st after 36 years of service to the Laboratory.

Mark Damian received an Associates Degree from Bentley College, Waltham, and is simultaneously pursuing a B.S. degree in Business and Certification in Government Acquisition and Contracting from Western New England College at Hanscom Field. He expects to complete both programs in December. Mark lives in Wilmington with his wife, Lisa.

What changes do you expect to make in purchasing?

One of the immediate changes I have made was to standardize the

personal computer systems in our office. Quick exchange of information is crucial to the timely processing of requisitions and purchase orders. At times, this was unduly delayed when the three computer systems in our office were unable to share information.

Hopefully this change will shorten the process time of both routine and more complicated procurements.

Soon, I will also be asking our requisitioners to interact directly with vendors to expedite their own orders. This will allow Cliff and myself more attention to daily requisitions. Of course, if there is a problem we will be there to step in.

With the reduction in purchasing staff, it will be important for us to learn each other's responsibilities. I hope that this will guarantee a smooth flow of requisitions during vacation periods and absences. Cliff Peacock will be heavily involved in the decision-making process. Our staff continues to embrace a team philosophy.

What are your goals?

Given the present MIT and government funding levels, we are dedicated to securing the best overall arrangement for both the Institute and the DOE. We must work harder to improve spending levels with minority and women-owned businesses as required by our government contract. Lastly, we are looking to implement special cooperative agreements between our LNS shops and facilities and local vendors.

In closing, I hope to convince you that Purchasing is not a bureaucracy. At times, this may be hard for you to understand, but our sole purpose is to assist you.

Please realize that LNS Purchasing is held bound by both the terms and conditions of our DOE contract and MIT's policies and procedures. It is very important to make sure that all transactions processed by LNS Purchasing are in total compliance so as to withstand the close scrutiny of MIT or government auditors.

I think that we have started off on the right foot in the office and I plan to maintain the professional pace set by Tom DeChicco.

Property Will Process Your "Wish Lists"

The Property Office can't help you with the million dollars that you'd like to have, but they can help you with equipment needs.

Provide the Property Office with a description of what you need, including manufacturer, model, or clones. They will use this information in contacting the General Services Administration, Lincoln Lab, and companies in the area who have federal contracts.

Dave Kelley and Earl Haywood have been successful in procuring over 109 items from DOE's Reportable Excess Automated Property System in 1991 with an original value of \$463,232 for just the cost of shipping.

In addition, Property has received a number of items of companies such as Sippican, Inc., A.T. & T., Mitre Corp., Northrop Corp., and Draper Lab. These items had an original value of \$968,507 and would cost \$1.4 million dollar to replace. Seventy-seven items from the LNS storage are back in use.

"We would not have achieved this without the support of our General Services group, **Bob Calileo**, **Jerry Fiumara**, **Bob Byrda**, and **Emerson Munroe**, who supplied necessary transportation and handling," says Haywood.

"The General Services Group has just been terrific."

So if you don't get the monthly REAPS catalog and wish to, please call the property office x3-2385 or 183-338. If you see something in the catalog that you want, listed as new or good condition, call the Holding Agency for more information and "freeze" the item as soon as possible. Copy the page and give it to Property with your name, the proposed use of the item and your related DOE Account number. Approval and shipment take about 5-6 weeks.



Pulse Notes

Tony Luongo, retired engineer and property officer, has recently published a book called, *Josette — A Story of Manic-Depression*.

This book will be available at local bookstores soon. The book was written under the pen name of Anthony Paul.

George M. Sechen, Jr. (son of **George M. Sechen**, Medium Energy)

received his B.S. degree from Northeastern University this year and is now attending the University of Georgia for his degree work in geology.

Mark Sechen,

another son, recently developed a trail loop near the Hannah Eames Brook. Mark raised about \$600 for materials to build sections of boardwalk as needed and spent hundreds of hours clearing and leveling a 400-foot-long trail, then building 108 feet of boardwalk. For every rock rolled out of the path, there had to be a wheelbarrow load of material to fill the hole, and for every linear foot, there was vegetation to prune back. Mark did this remarkable job as part of an Eagle Scout project.

Ernie Ihloff, Bates and

Jim Kelsey, Mechanical Engineering, received their master's degree in Manufacturing Engineering from U. Mass - Lowell in May 1992.

Mike Karaffa, Physical Plant Manager, Bates, retired in January 1992 after 16 years at Bates. Mike was responsible for all the conventional building design and construction as well as supervision of the physical plant crew.

Jan Distelbrink, who had major responsibility for TIRUS detector at Bates has moved on to the

University of New Hampshire after receiving his Ph.D. from RPI.

Jim O'Keefe, Bates, is on long term disability.

Tomas Russ has left Bates after 12 years to take a position with Siemens Medical Electronic Division. Tomas was responsible for the design and implementation of linac controls particularly the South Hall Ring system.

Recipe of the Month

By **Donna Henderson**

Shrimp in Creamy Tomato Sauce on Spaghetti

1/2 lb. shrimp, peeled & deveined
1 onion, thinly sliced
2 Tbs. Fat-Free White Sauce Mix (recipe follows)
1 16 oz. can whole tomatoes
1 Tbs. chopped fresh parsley leaves
1/8 tsp. freshly ground black pepper
4 oz. spaghetti
1 1/2 quarts boiling water

Boil the shrimp until they are pink, about 3 minutes. Drain. Put the onion in a non-stick frying pan and saute until it is limp. Combine the white sauce mix with the tomatoes, parsley, and pepper. Pour over the onion and cook and stir until mixture thickens. Meanwhile, gradually add the spaghetti to rapidly boiling water so that the water continues to boil. Cook, uncovered, stirring occasionally, until tender. Drain in a colander. Add the shrimp to the tomato sauce and serve over the spaghetti. Makes 2 servings, each serving has 433 calories.

NOTE: The recipe may be halved to serve 1 or doubled to serve 4. Serve with a crisp green salad with a low-calorie dressing.

Fat-Free White Sauce Mix

2 c. nonfat dry powdered milk
3/4 c. cornstarch
1/4 c. chicken bouillon powder
4 tsp. onion powder
1 tsp. dried thyme
1 tsp. dried basil
1/2 tsp. freshly ground white pepper

Stir all the ingredients together in a medium-sized bowl. Store at room temperature in a tightly covered container. Makes 3 cups of mix. To reconstitute this mix, use 1/4 c. of the mix to 1 c. of liquid (such as skim milk or water) and add 1 Tbs. butter or margarine after the mixture has been stirred until it is smooth. Then heat and stir until thickened. Use as a white sauce for casseroles or sauces. Makes 3 cups of mix. Each 1/4 c. of mix makes enough for 2 servings. Each serving has 50 calories.

Cheryl Cagnina started with the Laboratory's Purchasing Office on 5/18/66 then transferred to the Fiscal Office, where she remained for ten years, after which she transferred back to the Purchasing/Procurement Office and is now an Administrative Assistant in that office. Cheryl was born in Wisconsin and moved to Michigan in 1962 and moved to the Boston area in 1966, only returning to Michigan for short visits, so her recipes are from a wide geographical area. Cheryl now lives in Woburn with her husband Joe, both of whom like to cook. If you have purchased any of the LNS cookbooks, you can see that there are quite a few recipes from Cheryl, all of which are very good.

"Recipe of the Month". In this section, we will feature a recipe and a short article on the cook who submitted it. If you would like to be included, or would like to submit a recipe or if you would like more information, please call Donna Henderson at extension 8-5448.



A **Holiday Reception** for Laboratory Personnel and their guest will be held at the New England Aquarium on Sunday, December 6, 1992 from 3 - 6 p.m. You will be receiving more information soon.

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Director: R.P. Redwine

Editor: J.P. Flanagan

Managing Editor: D.M. Henderson

**Contributing Editors: W. Lobar
Dick Adams**

Earl Haywood

Donna McNamara

Joe McCormack

Bernie Wadsworth

Inquires and submissions may be addressed to *Pulse*, 26-540.

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CHARITY WITH THE MOST VOTES WILL GET
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EACH PURCHASE, RECEIVE AN EXTRA BONUS, WHILE
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