

# SFAMI

## Newsletter

Vol. I No. 03 Jul/Aug/Sept 2007

### < Here is what's in this Quarters Edition Of The SFAMI NEWSLETTER >

#### Executive Officers 2007

Chairperson: Robin Sheaks

North Broward Hospital District  
Clinical/Biomedical Department  
1625 SE 3rd Ave  
Fort Lauderdale, Florida 33316  
Phone (954) 355-5958  
Email [Rsheaks@NBHD.org](mailto:Rsheaks@NBHD.org)

Co Chairperson: Kenneth Willis

Baptist Hospital Surgical Services  
8900 N. Kendal Drive  
Miami Florida 33176  
Phone (786).596.7458  
Email: [kenw@baptisthealth.net](mailto:kenw@baptisthealth.net)

Secretary/Treasurer: Frederick  
McMurtrie, CBET

North Broward Hospital District  
Clinical/Biomedical Department  
1625 SE 3rd Ave  
Fort Lauderdale, Florida 33316  
Phone (954) 355-5960  
Email [F2Mcmurtrie@NBHD.org](mailto:F2Mcmurtrie@NBHD.org)

We have on page 2 from the desk of our Chairperson her message to the membership about some of the things in the works for our local Biomed community. Also hopes for a moderate Hurricane season. On page two is SFAMI's Events a listing of past meeting and up coming events.

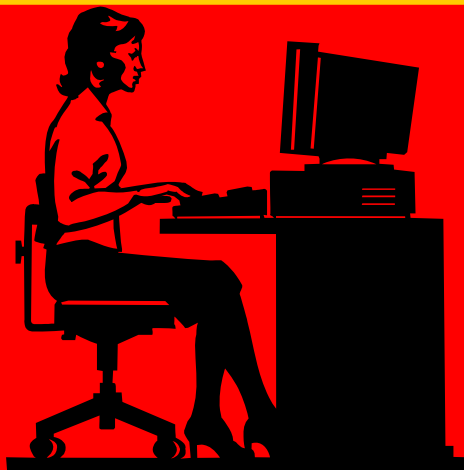
Page three features an article about a man that many of us have know as "Mr. HP", none other than Mr. Harvey Jackson who spent many years representing Hewlett Packard products in South Florida and he is the First SFAMI "Outstanding Industry Representative". For our new members we hope you enjoy the biography.

On page 4 you will find the Grapevine which talks about **HIPAA Security Audit?** Yes, is your hospital ready...

Page five Is the FBS page please make get for a happy haunting in OCTOBER in Orlando and make plans to ATTEND the FBS Symposium see details on this page and their WEB site: [www.FBSOnline.net](http://www.FBSOnline.net)

Six are the wonderful mind games and the answers for the last issue's puzzle.

Lastly pages 7 & 8 contain The Biomed IT Toolbox where we will look at and explain the ARP command. We hope you find the newsletter interesting please remember to provide feedback so we can improve...



# SFAMI EVENTS

## From: The SFAMI Chairperson's Desk

It is not hard to tell Summer is here. The temperature has definitely risen. I spent the first week of July at Camp Blanding an Army and National Reserve base located in Starke, FL with my Son for the Civil Air Patrol (Auxiliary of the Air Force). We spent the entire week in full camouflage and jungle boots and slept in the barracks at night with no air conditioning. After living in Florida all of my life, I did not know *really hot* until that week. I find volunteering for SFAMI and CAP a very fulfilling and satisfying experience. I just wish I had time to do more for both.

I have been trying to move forward with some of my ideas, suggestions from other members and results from my surveys. All input is welcome as this is your society and we all need to be involved to get the best out of it.

I have contacted the list owner of Biomedtalk which I know several of you are familiar with and asked for a corporate reduced rate for our members. The list used to be free but, he started some time back charging 15.00 per person. I

The May meeting of SFAMI was held at the Mercy Hospital in Miami, Florida on Thursday the 31<sup>st</sup> of May. David Denham of Mercy Hospital was the host for the month and dinner was sponsored by Clinical Measurements. 17 members and guests signed the registry.

The technical presentation was on "Introduction to: Spacelabs Healthcare Blease Sirius Anesthesia Gas Machine." given by Michael Dib, Product Support Specialist from Spacelabs. He gave a great lecture on history and innovation of the Blease product line of Spacelabs. Mike went in to great length about the technical features of the Sirius AGM also discussed was the PM procedures and how easy it is to service the Sirius AGM a question and answer period followed. Ms Sheaks than closed the meeting by thanking David and Victor of Mercy Hospital our hosts also Dan Aranowitz, Territory Manager, Clinical Measurements for dinner and Presentation.

The June's meeting of SFAMI was held at the Broward General Medical Center in Fort Lauderdale, Florida on Wednesday the 27th of June. Frederick McMurtrie of Broward General Medical Center was the host for the month and dinner was sponsored by Sam Sandlin of A.M. X-Ray Service, Inc. 26 members and guests signed the registry.

The technical presentation was on "The Future of PACS Integration " and speaking on this topic was Dan Giesberg, President of AMS who was visiting us from Hawthorne California. He has worked in the medical radiology field since 1981 and has served on several industry standards committees, including as the chair of an industry task force reviewing image conditions. Dan gave a layout of the history of his company and the

Continue on page 8



Harvey Jackson: AKA "Mr. HP"

I started at Sanborn Company in Waltham, Massachusetts in June 1960 as a Electronic Tech in the Test Engineering Lab. I had just graduated from Wentworth Institute, Boston, with an Associate Degree in Electrical Engineering. Sanborn was a medical company that manufactured ECG machines, Patient Monitoring and other medical devices. In 1961, Sanborn was acquired by Hewlett-Packard.

In 1963, I transferred (for family reasons) to the Miami Sales/Service office for Sanborn. There I was a sales/service trainee doing both repairs and sales of the products. In 1964, Sanborn became a division of HP and we began using the HP logo on the medical products. In the late 60's the Miami office was moved to Fort Lauderdale and I became the local sales rep for HP Medical Products covering the South Florida area including the Keys and west to Naples. In the mid 80's, I was a District Manager for 3

## OUTSTANDING INDUSTRY REPRESENTATIVE

years and then decided to get back to sales which I enjoyed the most. My focus was "Customer Satisfaction" as the customer came first in my mind.

In 1991, I moved to Jacksonville, FL to take over a struggling territory (Gainesville to Savannah). It was very challenging for me but I was able to turn the business around and become successful in North Florida. One of the main reasons I moved to Jacksonville was for my youngest daughter, a competitive swimmer who attended a private school in Jacksonville. Her swimming talent got her on the 1996 Olympic Team in Atlanta and she won a Gold Medal in the Olympics. What a thrill for my wife and I!

HP split the company in the late 1990's and formed Agilent Technologies. Agilent acquired the Medical Division along with three other divisions of HP. In 2001, The Medical Division of Agilent was purchased by Philips Medical Systems. I continue to work for Philips with a total of 47 years of service. No I'm not retiring any time soon!!

I've seen many changes over the years with companies being acquired and some no longer in business. HP-Agilent-Philips is still going strong and I attribute this to great leadership in product development and maintaining the HP style of management. The products today are still designed by some of the same former HP engineers. The product development also depends on the feedback we get from the end users through the customer feedback program.

Continue on page 7

## The Biomed Grapevine:



### Is Your Hospital Ready for a HIPAA Security Audit?

This is an interesting article (warning) from MDBuyline about enforcement of the Health Insurance Portability and Accountability Act (HIPAA) Security Rules.

"Since the Health Insurance Portability and Accountability Act (HIPAA) Security Rule went into effect in 2005, there has been little enforcement by the federal government. But in March 2007, that changed abruptly when the U.S. Department of Health and Human Services (HHS) Office of the Inspector General (OIG) initiated a data security audit of a Georgia hospital. This action is the first time any federal government entity has conducted a systematic examination of an institution for HIPAA compliance and it has the health care industry buzzing." Read the entire article:

<http://www.mdbuyline.com/MDBWebApp/default.aspx?mod=IB&artType=BRIEF&id=1001&cat=LEG>



have not heard back from him but as soon as I do, I will let you know the status. We are also in talks with META (Medical Equipment & Technology Association) about getting a reduced rate to join their association and have access to their website and resources.

I appreciate all the encouragement I have received. I have not experienced this much talk amongst members since I joined the profession. As I have stated in the past, there is power in numbers and we have to find a way to work together for the common goal. One of my main goals is to get us recognized. We have been in the shadows entirely too long. At our April meeting I was surprised to hear how many Biomedes do not feel that they have a voice in their facility. It is with the knowledge we all share that will help us help each other. Communication is essential. I have had a few people e-mail me lately asking for information on how the department is run at the NBHD. I was not able to answer their questions but passed their questions along to someone that could. It is in this and other ways that we can assist each other. Sharing information and knowledge just as you all have shared your knowledge with me to assist me in my position.

I am pleased with the way this year is going and I hope to increase our member involvement at the meetings. I appreciate the feedback that I have received and hope that if anyone has any information, suggestions, questions or comments to share, they will pass them along. I am always looking for vendors to sponsor the meetings and give an informative technical presentation. Check your e-mails next week for the results of our latest survey.

I wish you all a safe Summer and very quiet hurricane season.

The second serving is even sweeter than the first!



The 2007 FBS Symposium



Returns to Disney's  
Coronado Springs Resort  
October 26-29, 2007

Please, try to make plans to attend and support your state society. Look for more News to come. Schools to be announced and then see all the newest medical wares on the trade show floor. Remember your support is important!

Check out <http://www.fbsonline.net/> for all the latest news concerning the 2007 FBS symposium information.

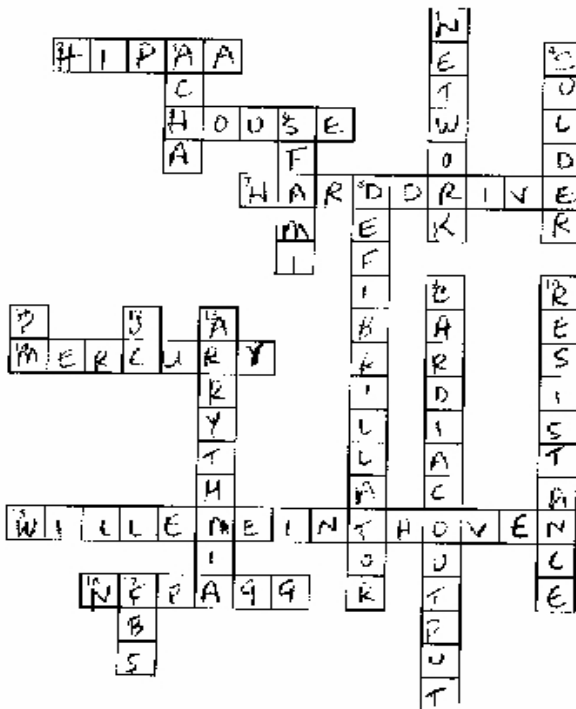


FBS is also looking for A BMET of the Year. They are requesting each local chapter provide a candidate for a chance to be selected for this honor. To this end your SFAMI officers have formed a BMET of the Year Committee to find the SFAMI candidate. You can help send any techs name you feel is worth of being recognized for the opportunity. Contact BMET of the Year Committee Chairperson Richard Morris at [RMorris@NBHD.org](mailto:RMorris@NBHD.org) or 954-355-5959 with your suggestion.

# Biomed Word Search

H V C K A P Y H B S I H Y L F W U P V A T E U P E D Z R H X  
 S L F N U U V C J D W K J U S P S Z T Z N L R E H L T D P F  
 R X Z K G Y U K O J J K G B Z V G R K G J E A R E N Y O Q F  
 Y N W G U K H B I N Z K O R V F L M E D V C K F O G O P Q J  
 B U A I B S C I N C O M I N G I N S P E C T I O N R Y U Z D  
 O B V U D X R D T N R C V Y H A H B N M N R E R R P C G O X  
 J A B G G D U B C E R T I F I C A T I O N I X M A B T O O R  
 H M B H I A M V O J C C W C P K A L D I B C G A B S I F D R  
 L S M U S G C O M T A O C U D T H X A B J A Y N A Q V G V E  
 U F O R C C W F M K L O L V I Q T J T U G L N C E K X L I B  
 Z J F R N T Q F I W I D H V U Q Q Q M R N S H E M M D L D Z  
 P O V A P R U N S I B E E H A W P L P G L A G C P K U Y L D  
 B Y M M Z L C G S Z R M Z F W M R U M W Z F M H U H L P G B  
 P T W B N S J Z I T A F O L I S M M A M T E I E X Z E O Z R  
 R L H Y L N F N O I T A L L A T S N I H J T G C C X U N J C  
 S F A E R B K H N R I K Q Z O Y T Z V N N Y B K D I M M S T  
 G W P Y C F K T R W O F U P F C E G Z E Z M T I J E V M V C  
 R C R A Q V E T A F N V R O R H Z A M I L O H X Y L U R G N  
 G F S I B N Z B E B D O D B T Z C P P E B G E O R I R E E T  
 T X K N A Z J M C I M A Y O U I I Y I M I P J M K O F E Y S  
 E A C N K P N W D S Q Z S M X U K Q D W A N Q B M I Y G U E  
 L X C U N Q E X E J J M P W Q V L Z F H N I S V H I Z E W W  
 S E F I C H A R H I F I P E D Z P F H K V N Y X H U Q O H  
 U X H T V O H D D S A V T A T E V A C J T Y I R X H H M W P  
 C C D Q O Y D L T L P S M R V Q F Y B U G W N V E K N K C D  
 Y K N S U J F A F K E F T V I M J D C F B J R C D L T B O H  
 F B U H J J W E S T T I V Z J X U G I A Q K H H S V H O F L  
 Z Z O V Z W Q R L R U O F B M U T D J A Q Z K C Z Q T N R Q  
 T W U E U W P P A Z G Y I F H X V D Q V I A X H G O T Q P K  
 Q X K K R Y F S Z T X I Z G Y Y I B L W N S Y J M Z D B R N

AHCA  
 BIOMED  
 BMET  
 BROKEN  
 CALIBRATION  
 CERTIFICATION  
 ELECTRICAL SAFETY  
 ENGINEER  
 ERROR CODE  
 FIELD REPAIR  
 INCOMING INSPECTION  
 INSTALLATION  
 JOINT COMMISSION  
 PERFORMANCE CHECK  
 PREVENTATIVE MAINTENANCE  
 REPAIR  
 SERVICE MANUAL  
 TEST EQUIPMENT



## Answers For 2 Qtr Newsletter Crossword Puzzle

- |                                   |                     |
|-----------------------------------|---------------------|
| <b>Down:</b>                      | <b>Across:</b>      |
| 1. Network                        | 2. HIPAA            |
| 3. ACHA                           | 5. House            |
| 4. Solder                         | 7. HardDrive        |
| 6. SFAMI                          |                     |
| 8. Defibrillator                  |                     |
| 9. CardiacOutput                  |                     |
| 10. Resistance                    |                     |
| 11. PM (Preventative Maintenance) |                     |
| 12. JC (Joint Commission)         |                     |
| 13. Arrythmia*                    | 14. Mercury         |
|                                   | 15. Willemeinthoven |
|                                   | 16. NFPA99          |
| 17. FBS                           |                     |

\* Spelling error (Arrhythmia) sorry about that.

Cont from page 3

The biomedical community has also been an inspiration for me, over the years, with the hard work they do every day to keep the equipment operational and safe. I was also a biomedical engineer and have a first hand knowledge of what they do every day. They represent a "Best in Class" Customer Service organization.

The biomedical community will continue to grow with the technology and I believe they will play a more important role in the Information Technology area as more patient monitoring equipment becomes PC based and software driven.

I've seen many changes in the technology going through the evolution of electronics -- from vacuum tubes, transistors, integrated circuits and now the computer age. I have really enjoyed being a part of this evolution and growing up with the changes. I am fortunate to have been able to keep up with all the changes over these years and I can honestly say that it was a result of my engineering background and the teachings of some of the best biomedical people in the territories I covered.

Thank you all for the opportunity to share my experiences.

I enjoyed my association with the SFAMI group, some names that come to my mind -- Gil Wagner, Charles van der Laan, Louis Katchis and many more.

Regards, Harvey

Harvey Jackson  
Account Manager, Cardiac and Monitoring Systems,  
PHILIPS MEDICAL SYSTEMS

9838 Old Baymeadows Rd, #309, Jacksonville,  
FL 32256  
Tel: (904) 464-0547, Fax: (866) 296-1645  
E-mail: harvey.jackson@philips.com

# BIOMED IT TOOL BOX ARP

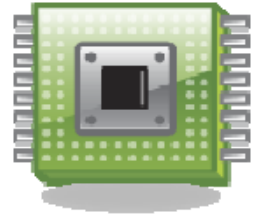


Short for **Address Resolution Protocol**, **ARP** is a protocol used with the IP protocol for mapping a 32-bit Internet Protocol address to a MAC address that is recognized in the local network specified in RFC 826. Once recognized, the server or networking device returns a response containing the required address.

The arp.exe command is an external command accessed through the C:\Windows or C:\Winnt\System32 directory and is available in Microsoft operating systems.

## Syntax

```
ARP -s inet_addr eth_addr [if_addr]
ARP -d inet_addr [if_addr]
ARP -a [inet_addr] [-N if_addr]
```



- a Displays current ARP entries by interrogating the current protocol data. If inet\_addr is specified, the IP and Physical addresses for only the specified computer are displayed. If more than one network interface uses ARP, entries for each ARP table are displayed.
- g Same as -a
- inet\_addr Specifies an Internet address.
- N if\_addr Displays the ARP entries for the network interface specified by if\_addr.
- d Deletes the host specified by inet\_addr.
- s Adds the host and associates the Internet address inet\_addr with the Physical address eth\_addr. The Physical address is given as 6 hexadecimal bytes separated by hyphens. The entry is permanent.
- eth\_addr Specifies a physical address
- if\_addr If present, this specifies the Internet address of the interface whose address translation table should be modified. If not present, the first applicable interface will be used.

Cont. on Page 8

Cont. from Page 7



## Examples

```
arp -a
```

```
Interface 220.0.0.80
```

Internet Address	Physical Address	Type
220.0.0.160	00-50-04-62-F7-23	static

The Physical Address as shown above in the format aa-bb-cc-dd-ee-ff is the unique manufacturer identification number. This number should always be a unique address.

An example of how to change the above IP address 220.0.0.160 to 220.0.0.161 in this case would be:

```
arp -s 220.0.0.161 00-50-04-62-F7-23
```

It is important to not that if an IP address has already been assigned to the specific network adapter it is not possible to change that assigned IP address to a new address. In addition, networks utilizing DHCP, BOOTP or RARP will automatically assign the card an IP address, therefore, this command would not be utilized.



begins of PACs concepts. He talked in greater detail about different networking architecture and connection, large scale and small scale PACs systems. At the conclusion of the talk a question and answers period took place. Dan also stated that Sam and he would be more than glad to give a demo with some of the equipment they brought with them.

The July 2007 meeting of SFAMI will be held on Thursday July 26th, 2007 at Weston Regional Health Park, located at 2300 N Commerce Parkway Weston, FL. Host of the Month will be *Robin Sheaks*

The technical presentation “Current trends in Clinical Engineering” will be given by Dr. Allie Karshenas-V.P. of Service-Draeger Medical. Another technical presentation “Telesmart-New advances in patient telemetry” will be given by Jeff Fay-Product Specialist-Draeger Medical.

Other SFAMI news In May the SFAMI Board of Directors sent a letter and proclamation to all hospital Administrators in the tri-county area for “National Biomedical Week”. The proclamation was provide by TMC which is part of AAMI to recognize the contributions of the Biomedical Professionals . The date coincided with the AAMI conference in Boston.

Also SFAMI mailing address has changed so please make note The new address is: SFAMI PO Box 21386 Fort Lauderdale, Florida 33335.

And on a sad note one of SFAMI members, Maurice Douglas, pass away we have no further details but we wish to extend our deepest condolence to his family and friends



Don' t Forget SFAMI is Looking to Send one of our members to FBS for BMET of The Year. So if you know someone who fits the bill, let the BMET of the Year nominating committee know. Send or suggest their name to Richard Morris, Committee chair at [RMorris@NBHD.org](mailto:RMorris@NBHD.org) Thanks for your help