



President's Forum



Helen Jones, CBET
NCBA President

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2003 Board of Directors

2003 NCBA Officers

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Recording Secretary:

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2003 Standing Committees

Rules and Bylaws

Helen Jones (Chair), Mark Renfroe,
Glenn Scales

Nominating Committee:

Sam Wright (Chair), Helen Jones, John
Noblitt

Finance Committee:

Linda Leitch (Chair), Dale Allman,
Charles Worrell

Membership Committee:

Christina Fleming (Chair), Obie Godley,
Mark Renfroe

Education Committee:

Dan Harrison (Chair), Boyd Campbell,
Linda Leitch, Sally Goebel, John Noblitt

Apprenticeship:

Helen Jones (Chair)

2002 Special Committees

Newsletter Committee:

Glenn Scales (Chair), Boyd Campbell,
Sally Goebel, Dan Harrison

Scholarship Committee:

Helen Jones (Chair), Dale Allman,
Christina Fleming, Linda Leitch

Vendor Coordination:

Mark Renfroe (Chair), Boyd Campbell,
John Noblitt, Charles Worrell

Hotel Coordination:

Helen Jones (Chair), Linda Leitch,
Glenn Scales, Jim Tripp

Public Relations:

Helen Jones (Chair), Dan Harrison,
John Noblitt, Sam Wright

Internet Committee:

Glenn Scales (Chair), Dale Allman,
Mike Howell

Professional of the Year:

Helen Jones (Chair), Dale Allman, Dan
Harrison, Linda Leitch, Sam Wright

Historian:

Glenn Scales (Chair), Obie Godley,
Charles Worrell



NCBA News is an information service of the North Carolina Biomedical Association (NCBA). It has a distribution of about 500 and is published six (6) times per year. Articles and ads are due on or before the first day of odd numbered months. The newsletter is mailed on or about the 15th day of the odd numbered months.

While the NCBA makes every effort to assure that its content is accurate, articles are the products of individual authors and the NCBA is not responsible for the content.

NCBA News intends to disseminate information and ideas to its subscribers. While the NCBA News accurately reflects the source of the articles, the content is of variable quality and validity. The Newsletter Committee will attempt to verify all articles, but neither the Editor nor the NCBA is responsible for information.

YOUR HELP IS NEEDED!!! Articles of interest to our readers are constantly needed and frequently in short supply. If you have written any articles that may be of interest to our readers, submit it to Newsletter Editor, Glenn Scales, at editor@ncbiomedassoc.com.

NCBA Board Meeting Minutes - Friday, March 14, 2002

Siemens Uptime Service Center, Cary, NC

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NCBA News is accepting advertising that relates to biomedical equipment and of interest to our readers. Suggested subjects are: Positions Desired, Positions Available, Biomedical Equipment Wanted or For Sale (New or Used), or Announcements of Educational Opportunities or Service Schools in the area.

Advertising is open to all individuals, hospitals, and companies. The decision to carry a particular ad or classified will be the decision of the Editor with support of the NCBA Board. Either jpeg or tiff files of the actual size ads is required. **Corporate Members please remember what free advertisement your membership allows.** Please contact the Newsletter Editor for other pricing.

Prepayment of all advertising is required.

Classified Advertising

Except "Position Wanted" notices by members (one ad per year – limit 50 words – no charge) the following ad rates apply:

Full Page	\$200. ⁰⁰
Half Page	\$100. ⁰⁰
Quarter Page	\$50. ⁰⁰

If the ad is a single page to be included as an insert, the advertiser will any pay all additional printing and handling costs. Placement of non-member ads is on a "space available basis. Advertising that is to be printed in color will include all additional costs to prepare and insert the color page.

Dollars and Sense

By Linda Leitch, NCBA Treasurer

Account balances as of 2/28/2003:

Checking:		\$31,809.72
CD's:	XX205	\$24,276.67
	XX257	\$23,910.52
Scholarships:	Eddie Whisnant	\$600.14
	Norm Reeves	\$600.14
Asset Liability (tax)		\$2,125.00

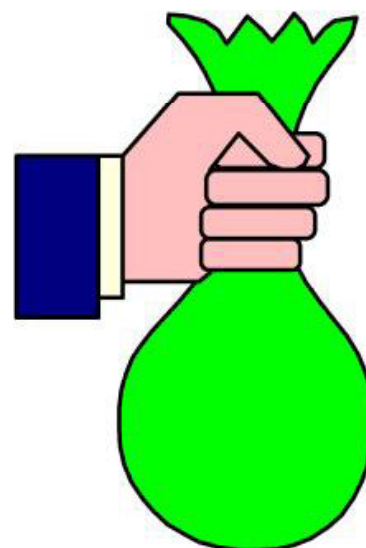
The overall "Profit and Loss" for this period was \$9,867.35

(Income highlights)

Interest Income	\$125.00
Corp.Memberships	\$8,400.00
Individual Memberships	\$300.00
Student Memberships	\$82.00
Symposium Registrations	\$4,118.00

(Expense highlights)

Newsletter	0.00
Symposium '02	\$1,209.00
Telephone	\$116.00



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My First Year BMET Experience

Larry Riley, II

Duke Univ. Medical Center

The first year as a BMET consists of many new experiences. For myself, I entered the field feeling that I did not have the knowledge required to perform the tasks ahead. Would I feel comfortable with my work, how would I get along with my co-workers and most of all, how would I find my way back to the shop? After becoming familiar with a few pieces of equipment and finding that others were glad to offer their knowledge and suggestions, I found that there was little reason to get stressed. I began to assist others with troubleshooting and soon found that I too had something to contribute and was routinely getting asked for advice.

Less than two months after being hired I found myself on an airplane in route for technical training on some very sophisticated equipment. In my first year I was given the opportunity to attend three major training classes. Throughout the year I learned many new things and was able to apply much of the knowledge that I received in the classroom. As a first year BMET, training is a great way to beginning building your equipment knowledge and your worth to the institution. The training received can also help you decide as to what types of coverage you like to provide and where you would like to head in the future.

Experiences in the first year helped me prepare for future situations. Working with people outside of my department has helped build communication skills. Troubleshooting a wide variety of devices helped build my troubleshooting skills, while at the same time, helping me get more comfortable with my role in the hospital. After talking with technical support technicians from various manufacturers, I quickly learned what types of information, when gathered prior to making the call, can help to speed the call. I also learned that my call is important and that it would be answered in the order in which it was received!

I enjoyed my first year and hope that those to come are just as enjoyable. With help from others my troubleshooting skills continue to improve, it is easier to talk with customers and I can find my way back to the shop. As with many jobs, the people around you definitely make all the difference.



A “Kodack” Moment

The 2003 graduating class from Caldwell Community College and Technical Institute had the pleasure of hosting a two-day seminar presented by Larry Kodack, PhD, CBET. This seminar focused on laboratory equipment and procedures. Dr. Kodack has an extensive background in the laboratory area with an undergraduate degree in zoology from UNC Chapel Hill and a PhD in Biochemistry from Duke University. Larry is a Senior CBET in the Clinical Engineering Department at Duke University Hospital.

Our “Kodack” moment began with an overview of some of the guiding agencies in the medical laboratory. Agencies such as CAP – College of American Pathologist, FUDT – Forensic Urine Drug Testing, RLAP – Reproductive Laboratory Program and AABB – American Association of Blood Banks.

After the introduction into the standards set forth for the laboratory, on we went into the types of equipment found in the laboratory. Larry not only spoke as to the types of equipment in the hospital lab but also the underlying principles of operation of how the equipment performed their analysis or task. Larry and the students covered many types of equipment in the two-day seminar. Students were given the opportunity to research materials handed out by Larry on different equipment for presentations and Larry gave feedback on their presentation and added much of his knowledge and experience with that particular equipment. As an employee of a teaching hospital such as Duke you could tell Larry prescribed to the teaching philosophy of “see one, do one, teach one”. This is an excellent way to get information into long-term memory. Studies have shown that a student has about a 90% retention rate of information if the student has to teach the material or has immediate use of learned material. I applaud Larry for his approach in teaching the seminar.

As mentioned earlier many types of equipment were covered in the two days. An overview of the equipment covered is as follows:

We finished the seminar with a game of stump the teacher. Larry took questions from the students such as how do blood gas analyzers work to why is it so cold in the operating rooms. Let me just say it is most difficult to stump Larry in the lab area or hospital for that matter. I didn’t keep score of this little game but if I had to guess I would say Larry 50, Students 2.

In closing I would like to thank Larry for sharing his knowledge with the students and thanks to the Duke Clinical Engineering Department for allowing the time for Larry to help with training of the future BMET’s. This was a great learning experience for the students, which I’m sure they will remember for a long time.

Submitted by: John Noblitt, CBET BMET Program Director
Caldwell Community College

What Happen To ...

By Charles Worrell, CBET

Many of our past NCBA Officers return to the yearly symposium, but there are some we haven't heard from in a while. While working with the "NCBA 25th Year Anniversary Committee, I was able to locate some of them.

Our First President, 1981, Pat Lynch is now with Northside Hospital in Atlanta, GA. His comments: *We were new then (1980). The NCBA has exceeded my every expectation about success, longevity, service to the Biomed community, and financial success. I am so glad to see several long-time supporters still active, but especially encouraged to see so many new names involved in positions of leadership in the NCBA. That tells me that we have created an enduring organization, not just on tat dies off when the founders get tired of carrying the load. Congratulations.....*

Our 1982 President: Frank Forrest. Frank left Alamance Health Services as Director of Clinical Engineering, Alamance Memorial and Alamance County Hospital in July 1987. Took six months off to tour Canada, US, and Australia. Joined Doshier Memorial Hospital as Director of Engineering from 1988 to 1990. Then Cape Fear Memorial Hospital as Chief Biomedical Engineer from 1990 To 1997. Finally, joined Columbia Brunswick Hospital as Chief Engineer/Safety Director 1997 to 1998. Retired February 1998. Living the good life in Holden Beach NC.

Our 1983 President: Dale Crum. Dale is with Durham Regional Hospital of the Duke University Health Care System. Currently he is a Member of the North Carolina Hospital Engineers, ASHE, and has served on the ASHE Clinical Engineering committee. He has been at Durham Regional for 23 years.

Our 1984 President: Ken Bissette. Ken was as Program Director and Lead Instructor during his two terms as President of the NCBA. 1984 & 1990. He worked for five years as Director of Clinical Equipment Management is a Teaching Medical Center. He has spent the last seven years as Technical Support Representative in the Clinical Engineering field for ServiceMaster, now ARAMARK, covering five states. Ken sees these "Challenges" for the NCAB today:

1. *With today's challenges for time and money, the education classes needed to draw attendees is far greater than while I was active. (president). The role of management has advanced with technology and managers are spending more and more time just meeting the demands for regulations and compliance. Technical seminars now must cover a greater knowledge level from Entry Level to the most Senior*

Technician. The working manager (part time manager and part time hands on tech) is being reduced by the day-to-day requirement of the facility equipment users and technology assessment. This leads to more committee meetings with information collection and evaluations. (Pre-purchase evaluation is just one.)

2. *The training budget, since Biomed is considered an expense and not revenue, is examined very closely for investment payback with the reduction of a contract or increased up-time on equipment. Training to remain certified is not enough and must relate to an expense reduction.*
3. *The greatest interest of management falls to issues of the day like HIPPA, Risk Management and JCAHO. Issues really needed like time management, customer satisfaction and communication skills that would help control these major issues can not draw the manager away from their facility.*

Our 1985 President: Mike Trumbore. Mike is with Carolinas HealthCare System in Charlotte, NC. He

- Served on Clinical Engineering Steering Committee of ASHE 1987-1989
- Elected President Clinical Engineering Section of ASHE 1990
- Received MBA 1987 from UNCC
- Became Corporate Planner at Carolinas HealthCare System in 1990 doing Certificate of Need and Technology Assessment
- Became Director of Business Development at Carolinas Healthcare System in 1993 responsible for C.O.N., managed care and business analysis
- Became Assistant Vice President at Carolinas Healthcare System in 1995 responsible for Business Development, Managed Care Operations and Contracting
- Current AVP at Carolinas Healthcare System working on managed care and revenue cycle performance management and operations.

Our 1986 President: John Shore. John now lives in Rome, GA, and works for ARAMARK ServiceMaster. While NCBA President, he went to work for ServiceMaster in West Virginia. After a year, he went to Charleston, SC for 4 years and then on to Rome, GA. John has been in Rome for the last 11 years. He still considers NC home and hopes to move back here some day. He is working with the Georgia Biomedical Instrumentation Society to relay some of the experience he gained watching the NCBA grow.

More to come in future issues.

Windows XP Tips

By Glenn Scales, CBET

How to Disable IE Image Resizing

Have you ever noticed that pictures seem corrupted and messed up in Internet Explorer? It's like they've been poorly resized by a virus or something. Well, it's no virus, it's Internet Explorer! By default, Internet Explorer will resize pictures if the Internet Explorer window isn't large enough to fit the entire picture. I suffered through this behavior for a long time, and finally figured out how to fix it. Now you can fix it too!

1. Open Internet Explorer and click the Tools menu. Click on the Internet Options command.
2. Click on the Advanced tab. Scroll through the list of options and find the Enable Automatic Image Resizing entry. Click on the box to remove the checkmark.
3. Click Apply and then click OK.

With the image resizing feature disabled you'll be able to see pictures that otherwise wouldn't have looked right in Internet Explorer.

Windows XP Does Have a Back-up Utility

Insert your Windows XP disc into your PC. Click exit if your installation screen comes up. Now go too your CD drive in My Computer. Right-click and select open. Choose VALUE ADD\MSFT\NT BACK-UP FILE. In the "files of type" drop down list be sure that "select all files" is on.

Click on the NTBACK-UP.msi file and click okay. Click the finish button and now go over too the start button\ALL PROGRAMS\ACCESSORIES\SYSTEM TOOLS\ and there it is now. BACK-UP FILES... Great little tool that Microsoft never should have hidden.

Sick of Inserting WinXP CD When Computer Asks You To!

Sometimes you are installing something, and you are asked to insert the Windows XP CD, and sometimes you're just too lazy to get it, or you don't have it at the moment. Well here's something that'll definitely solve that problem...

1. Insert your Windows XP CD
2. Click on Perform Additional Tasks
3. Now click on Browse this CD
4. Look for the I386 folder, right click on the folder and copy.
5. Get into My Computer
6. Right click on your C: drive and paste.

From now on you never need that CD again, I mean never ever...

Disable Unnecessary Services to Free System Resources

Services are programs that run when the computer starts up and continue to run as they aid the operating system in functionality. There are many services that load and are not needed which take up memory space and CPU time. Disabling these services will free up system resources which will speed up your overall computer experience. I recommend that you sort through the list and read the descriptions to decide if you need that service depending on what you want to do with your computer. Remember, you can always turn the service back on if you find that you need it in the future. Below is the procedure to turn off a service.

1. Click the Start button.
2. Select Run from the bottom of the right column.
3. Then type services.msc in the box and click OK.
4. Once the services window has loaded we are ready to turn off unneeded services.
5. Find the service in the list and select it with the mouse.
6. Right click and select Properties.
7. Once the properties windows has loaded, locate the Start up type drop down box and select disable.
8. Then just click OK and the next time the computer starts the service will not be loaded.

Remove Hibernation File

If you do not use hibernation, make sure you do not have it enabled, which reserves disk space equal to your RAM. If you have a hidden file on the root directory of your C-drive called hiberfil.sys, hibernation is enabled. To remove that file, go to Control Panel, select Performance and Maintenance, Power Options, Hibernate tab, and uncheck the Enable hibernation box.

NCBA Board of Directors Retreat - February 7th and 8th

Helen Jones called the meeting to order at 10:05 am. The retreat was held at the Springmaid resort in Myrtle Beach, SC.

Present: Boyd Campbell, John Noblitt, Obie Godley, Crisci Fleming, Glenn Scales, Mark Renfroe, Sally Goebel, Helen Jones, Linda Leitch, and Sam Wright.

Absent: Dale Allman and Dan Harrison

The minutes of the January meeting were reviewed, Boyd motioned for approval, Mark seconded, and the minutes were approved.

Treasurer's Report: Linda Leitch

Nothing has changed in the two weeks since last meeting. The Pinehurst hotel bill has not been paid as of retreat meeting. An audit was performed and no irregularities were found.

Membership Report: Crisci Fleming

Membership numbers have not changed since last meeting. Discussion that the board would like to see the membership break the 500 mark this year.

Education Report: Dan Harrison

Dan was absent. Zoll has approached Mark to hold a class on the M series defibrillator for the NCBA. Drager has approached the NCBA on holding a Narkomed class. The CBET review class to be held at Caldwell Community College. Board set the goal of one stand-alone class per quarter.

Rules and Bylaws report: Helen Jones

No Report

Newsletter report: Glenn Scales

600 newsletters were mailed out. The next newsletter is scheduled to go to press on March 15th. Deadline for article submissions is March 1st. Glenn commented that we have more advertisers than normal this year. Linda made a motion to double the rates for outside advertising cost, Mark seconded, the motion passed. Our vendors commented they would like newsletter recognition as part of the 25th year activities for their contributions to the NCBA. Glenn will list the vendors with 10+ years in the next newsletter.

Nominating Committee: Sam Wright

No Report

Internet Committee: Glenn Scales

No Report

John made a motion to approve all reports as submitted, and Linda seconded, the motion passed.

Appointment of Standing Committees:

Rules and Bylaws Committee: Helen Jones, Mark Renfroe, and Glenn Scales

Nominating Committee: Sam Wright, Helen Jones, and John Noblitt

Finance Committee: Linda Leitch, Charles Worrell, and Dale Allman

Membership Committee: Crisci Flemming, Mark Renfroe, and Obie Godley

Education Committee: Dan Harrison, Boyd Campbell, Sally Goebel, Linda Leitch, and John Noblitt.

Apprenticeship Committee: Helen Jones

Newsletter Committee: Glenn Scales, Boyd Campbell, Dan Harrison, and Sally Goebel

Scholarship Committee: Helen Jones, Linda Leitch, Crisci Flemming, and Dale Allman

Vendor Coordinator Committee: Mark Renfroe, Charles Worrell, John Noblitt, and Boyd Campbell.

Hotel Coordinator Committee: Helen Jones, Linda Leitch, Glenn Scales, and Jim Tripp

Public Relations Committee: Helen Jones, Sam Wright, John Noblitt, and Dan Harrison

Internet Committee: Glenn Scales, Mike Howell, and Dale Allman

Professional of the Year Committee: Helen Jones, Dan Harrison, Dale Allman, Linda Leitch, and Sam Wright.

Historian Committee: Obie Godley, Charles Worrell, and Glenn Scales.

Old Business:

Policy & Procedure – Current copy is on disk and Sam will print Helen a copy. Linda is going to confirm changes to the Treasurer's job description and bring to the next board meeting.

25th Anniversary – Dale Allman absent. Dale needs to inform the board how assistance can be provided for the upcoming activities.

Future Symposium Site – Our next board meeting will be held at a possible symposium site in the RTP.

New Business:

Budget – Linda handed a blank budget form to the board members and asked them to complete the budget items they are responsible for and return the forms to her by Feb. 21,

Continues on the next page

2003. Linda will send an electronic copy to the board members.

Medical Dealer Offer – Glenn received a letter from John Kreig of MD Publishing wanting to establish a collaborative agreement with the NCBA. Glenn moved for accepting the collaborative agreement, John seconded, the motion passed.

Symposium Planning:

Hotel – Give vendors the opportunity to sponsor the meals; Breakfast \$1,000, Lunch \$5,000, and Dinner \$10,000. Look at different meal/meat option for the main dinner.

Education – We have enough vendors wanting to provide training to fill all the training sessions at the symposium. Boyd Campbell is going to work with RSTI to try to incorporate their annual meeting with ours and offer a Radiology track at the symposium.

Board needs to add a cancellation policy to symposium registration paperwork. Board would like to line up a class from Ode Keil on JCAHO and the patient safety goals.

Vendor Relations – Mark informed the board we are at the point that we may have to turn vendors away due to lack of booth space. Look at moving free booths upstairs and resizing the vendor booths to 6 x 9.

Board Meeting continued on Feb. 8th

Vendor Relations: Look at separate vendor check in area to control quantity of vendors at the booths.

Membership – No Issues.

Golf – Improve identification of the before and after activities.

Next years retreat – Feb. 6-7, 2004, new location to be determined by Helen Jones.

Mark made recommendation to recognize vendors for long-term support of NCBA. Sam suggested running an add in the Wall Street Journal or USA Today thanking them by name.

Helen is going to speak to Stanley Community College about the dress code of students and their guests at the symposium.

Sally moved to adjourn the meeting, Mark seconded, and the meeting was adjourned at 10:15 am.

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NCBA Board Minutes, continued from page 3

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SCHEDULE of NCBA BOARD of DIRECTORS MEETINGS for 2003

March 14, 2003, Time: 10:00 a.m.

Siemens Uptime Service Center, Cary, NC
Host – Sally Goebel, Ph: 336-586-0868

May 16, 2003, Time: 10:00 a.m.

Sheraton Hotel, Research Triangle Park, NC
Host – Glenn Scales, Ph: 919-681-6638

July 11, 2003, Time: 10:00 a.m.

Wayne Memorial Hospital, Goldsboro, NC
Host – Mark Renfroe, Ph: 919-731-6077

September 12, 2003, Time: 10:00 a.m.

ARAMARK Clinical Technology Svs., Charlotte, NC
Host – Dale Allman, Ph: 800-825-1786

November 14, 2003, Time: 10:00 a.m.

Pinehurst Resort & Hotel, Pinehurst, NC
Ph: 800-487-4653, www.pinehurst.com

December 1-3, 2003

2002 NCBA Symposium and Expo
Pinehurst Resort & Hotel, Pinehurst, NC

January 9, 2004, Time: 10:00 a.m.

Duke University Hospital, Durham, NC
Host – Glenn Scales, Ph: 919-681-6638

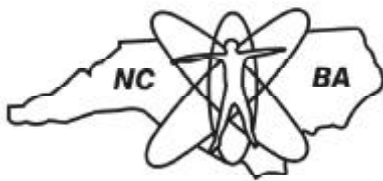
February 6-7, 2004, Time 8:30 a.m.

Board of Directors Planning Retreat
Myrtle Beach, SC - Location to be determined

Board Meetings are open to the NCBA Membership.
Please plan to attend.

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