



## President's Forum



Helen Jones, CBET  
NCBA President

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"Another day, another dollar." We hear this phrase often and it's usually spoken in an unenthusiastic manner, much the way we'd hear the phrase, "Okay, doc, go ahead and pull my thumbnail off." I am willing to allow you to borrow my rose-colored glasses and take a look at the phrase in a different light. The phrase could mean, "The time I spend here today has value and I will be rewarded for my efforts." We, as employees, are expected to give our jobs our best effort and attention. The payoff for this effort is a paycheck, maybe, a thank you, or, if we are really fortunate, satisfaction in a job well done. The paycheck is nice, but the thank you and the satisfaction make it worthwhile to get up and do it all again tomorrow.

A new Board of Directors has been elected, but we need to take time to recognize the Board that preceded us and all those other boards stretching back over our 25 years of existence as a professional organization. Those in the know tell me that we are the oldest biomedical organization in the country, that Wisconsin is our closest competition and that they are 13 years old. We are a large organization, just shy of 500 strong. We just completed a successful Symposium, even with icy weather. It didn't "just happen". The NCBA is what it is because of an active group of people who are willing to work to make the organization one of value to the members. Most of the Board's efforts are directed towards the annual Symposium. The members of the board arrange those classes, tend those vendors, order those sausage biscuits, print and reprint those name tags, stuff those NCBA tote bags, make a zillion copies of everything, and generally try to make the Symposium something that you find useful. To the outgoing Board: THANK YOU FOR A JOB DONE EXCEEDINGLY WELL!!

The new members of the Board are to be introduced to you in the pages of the NCBA News. Some of us are veterans and one of us is brand new and shiny. All of us are eager to spend the time on the Board in such a way that everyone will see the value of that time and effort. I hope that each of our members will find themselves reaping the rewards of the efforts of this Board and that this year will be one of further growth for the NCBA. If another day is worth another dollar, surely another year well-spent has immense value.

# 2003 Board of Directors

## 2003 NCBA Officers

### President:

Helen H. Jones, CBET  
Wake Forest Univ. Baptist Med. Ctr.  
336-713-2891 – Business  
336-713-2901 – Fax  
president@ncbiomedassoc.com

### Vice-President:

Dan Harrison  
ARAMARK Clinical Technology Svs.  
800-999-6678 x 5254 – Business  
404-248-9495 – Fax  
vicepres@ncbiomedassoc.com

### Treasurer:

Linda K. Leitch  
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919-681-4293 – Business  
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### Membership Secretary:

Christina Fleming  
Moore Regional Hospital  
910-215-5178 – Business  
910-215-4382 – Fax  
memb\_sec@ncbiomedassoc.com

### Recording Secretary:

Sam A. Wright  
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336-716-3437 – Business  
336-716-9395 – Fax  
record\_sec@ncbiomedassoc.com

### Ex-Officio:

Boyd Campbell, CBET, CRES  
Catawba Valley Medical Center  
828-326-3899 – Business  
828-326-2105 – FAX  
pastpres@ncbiomedassoc.com

## 2003 At-Large Board of Directors

Dale Allman  
ARAMARK Clinical Technology Svs.  
800-825-1786 – Business  
704- 528-2325 – Fax  
director4@ncbiomedassoc.com

Sally L. Goebel  
Siemens Medical  
919-319-2922 – Business  
919-319-2716 – Fax  
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John Noblitt, CBET  
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828-726-2263 – Business  
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director2@ncbiomedassoc.com

Mark Renfroe, CBET  
Wayne Memorial Hospital  
919-731-6077 – Business  
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director5@ncbiomedassoc.com

Glenn Scales, CBET  
Duke University Health System  
919-681-6638 – Business  
919-681-7361 – Fax  
director1@ncbiomedassoc.com

## 2002 Standing Committees

### Rules and Bylaws

Boyd Campbell (Chair), Greg Johnson,  
Mark Renfroe

### Nominating Committee:

Helen Jones (Chair), Dan Harrison,  
Linda Leitch

### Finance Committee:

Charles Worrell (Chair), Dale Allman,  
Nathan Cumbie, Jerry Kyle, Jim Tripp

### Membership Committee:

Christina Fleming (Chair), Diane Aker,  
Obie Godley, Mark Renfroe

### Education Committee:

Linda Leitch (Chair), Sally Goebel, Dan  
Harrison, Mike McCoy, Kevin Potts

## 2002 Special Committees

### Apprenticeship:

Boyd Campbell (Chair)

### Newsletter Committee:

Dan Harrison (Chair), Sally Goebel,  
Glenn Scales (Editor)

### Scholarship Committee:

Boyd Campbell (Chair), Dale Allman,  
Christina Fleming, Charles Worrell

### Vendor Coordination:

Mark Renfroe (Chair), Diane Aker,  
Ken Bissette, Ken Logan, Charles  
Worrell

### Hotel Coordination:

Helen Jones (Chair), Christina Fleming,  
Jim Tripp, Charles Worrell

### Public Relations:

Boyd Campbell (Chair), Diane Aker,  
Sally Goebel

### Internet Committee:

Glenn Scales (Chair), Dale Allman,  
Mike Howell

### Professional of the Year:

Boyd Campbell (Chair), Dan Harrison,  
Helen Jones, Linda Leitch, Charles  
Worrell

### 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 15<sup>th</sup> 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, January 10, 2002

## N.C. Baptist Hospital, Winston-Salem, NC

Boyd Campbell called the meeting to order at 10:05 am. The January meeting was sponsored by North Carolina Baptist Hospital.

Present: Boyd Campbell, Crisci Fleming, Glenn Scales, Charles Worrell, Sally Goebel, Dale Allman, Helen Jones, Dan Harrison, Linda Lietch, and Sam Wright.

Absent: John Noblitt and Mark Renfroe

The minutes of the November meeting were reviewed, Charles motioned for approval, Sally seconded, and the minutes were approved.

Election of Officers: Office of President – Helen Jones, Glenn Scales, and Linda Lietch were nominated, Linda Lietch withdrew from nomination. Dale made a motion to close nominations, and Sally seconded. Election held by secret ballot and Helen Jones was elected as President for 2003.

Office of Vice President – Dan Harrison was nominated and there being no other nominations he was elected Vice President by acclamation.

Office of Membership Secretary – Crisci Fleming was nominated and there being no other nominations she was elected Membership Secretary by acclamation.

Office of Recording Secretary – Sam Wright was nominated and there being no other nominations he was elected Recording Secretary by acclamation.

Office of Treasurer – Dale Allman and Linda Lietch were nominated, Dale withdrew from nomination. Linda Lietch was elected Treasurer by acclamation.

Treasurer's Report: Charles Worrell

Charles reported that both scholarships have been paid for this year and last year as reflected in the P&L statement. All bills, with the exception of the hotel bill, have been paid for the Symposium. Charles submitted the financial report for May 2002 through January 2003.

Membership Report: Crisci Fleming

Crisci reported that individual membership has declined and corporate membership has increased for an overall increase in membership of four.

Education Report: Linda Lietch

Linda presented the student evaluation matrix for the symposium and the class registration by course. Linda informed the Board that the ARAMARK injector class would be held as a stand-alone class at the ARAMARK CTS facility in Charlotte. The date has yet to be determined.

Rules and Bylaws report: Boyd Campbell. No Report

Newsletter Report: Glenn Scales

Glenn has newsletter on hold for the completion of the Board meeting and the announcement of the newly elected officers.

Boyd said he would write an article on the ASHE telemetry registration process. Dan said he would write a humorous article on the top ten things overheard at the symposium. Article deadline is January 16, 2003.

Nominating Committee: Helen Jones. No Report

*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.

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

25<sup>th</sup> Anniversary Committee: Dale Allman

Dale reported that preparations are moving forward and recommends that we invite the Presidents of other Biomedical Associations to our celebrations.

Future Symposium Location Committee: Glenn, Helen, and Charles

Charles reported that our May 16<sup>th</sup> Board meeting would be held at the Sheraton Hotel in the Research Triangle Park for reviewing this site as a future Symposium location.

### New Business

Future Meetings:

February 7-8, Myrtle Beach  
March 14, Sally Goebel's House  
May 16, Sheraton Hotel, RTP  
July 11, Wayne Memorial, Goldsboro  
September 12, Aramark CTS, Charlotte  
November 14, Pinehurst Hotel  
January 9, 2004, Duke Univ. Medical Center, Durham

*Continued on page 8*

### 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	\$100. <sup>00</sup>
Half Page	\$50. <sup>00</sup>
Quarter Page	\$25. <sup>00</sup>

If the ad is a single page to be included as an insert, the advertiser will 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 Charles Worrell, NCBA Treasurer

Account balances as of 1/08/2003:

Checking:		\$86,440.59
CD's:	XX205	\$24,333.83
	XX257	\$23,966.82
Scholarships:	Eddie Whisnant	\$601.65
	Norm Reeves	\$601.65
Asset Liability (tax)		\$2,125.00

The overall "Profit and Loss" for this period was \$67,050.43 \*

\* **Note:** All Symposium costs not in, approx. \$58,000 outstanding

### **Fiscal Year to Date (Income highlights)**

Interest Income	\$710.00
Corp.Memberships	\$29,400.00
Individual Memberships	\$13,083.00
Student Memberships	\$1,216.00
Symposium Registrations	\$41,358.00 **

\*\* **Note:** Outstanding Symposium walk-up invoices due \$5,340.00

### **(Expense highlights)**

Newsletter	\$33,778.00
Symposium '02	\$16,818.00
Scholarships	\$1,800.00



*Please note that this is for moneys received and dispensed during this period. Current newsletter printing costs are not in these figures because it and some Symposium expenses are paid on a different billing cycle, which does not fall in the same period as the work is done.*

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# NCBA Historical Milestones

November 5, 1980	First Board of Directors elected
June 21, 1981	First newsletter published
August 21, 1981	Articles of Incorporation issued
June 21 & 22, 1982	First CBET review class
October 14, 1982	The first Symposium Pig Pickin' – Symposium moves to the North Raleigh Hilton Hotel
October 20, 1983	By-Laws amended to divide the office of Secretary into Membership Secretary & Recording Secretary and to limit Board of Directors term of office to two consecutive two year terms.
October 13, 1986	Gov. James Martin proclaims Inaugural North Carolina BMET Week
February 5, 1990	Founding member and long time Board member, Eddy Whisnant passes away after an extended illness
July 1, 1991	Eddy Whisnant Scholarship established to grant scholarships to second year students within the North Carolina Community College System.
February 16, 1993	The Norman "Red" Reeves Scholarship is established by Douglass Medical and Biomedical Equipment Rental & Sales
November 10, 1993	NCBA Annual Symposium moves to the North Raleigh Hilton Hotel.
November 1, 1995	Symposium moves to the Four Seasons Hotel in Greensboro, NC. After several years absence, the Pig Pickin' returns
September 24, 1996	Hill-Rom agrees to endow the NCBA Professional of the Year Award for three years
October 3, 1997	First Hill-Rom Professional of the Year Award presented to Robert Gerber from N.C. Baptist Hospital in Winston-Salem.
October 29, 1999	\$5,000 education grants presented to Caldwell Community College and Stanly Community College for BMET Program development. By-Laws changed to clarify the responsibility differences between the Recording and Membership Secretaries.
November 3, 1999	Web site name <a href="http://www.ncbiomedassoc.com">www.ncbiomedassoc.com</a> registered and a new web site established with Apollo Hosting.
December 1999	Annual Symposium moves to the Pinehurst Hotel and Resort in the Village of Pinehurst, North Carolina
July 2000	Spacelabs agrees to fund a Manager of the Year award for a five year period, including a \$1000 award.
Devember 2000	The first Manager of the Year award presented to Erv Kelman of Moss Cone Hospital at the NCBA 22 <sup>nd</sup> Annual Symposium
June 9, 2001	NCBA partners with AAMI to present the AAMI Annual Meeting and Expo in Baltimore, MD



# NCBA History, 1978 – 2003

By Charles Worrell, CBET

In 1976, a few biomed's got together to discuss forming an organization that would unite biomed's across the state.

The North Carolina Biomedical Association is 25 years old! How did we survive 25 years? The members, ever increasing vendor support, and 25 groups of hard working "Board of Directors" got us here. Thanks to you, we have become one of the largest and "most successful" organizations of its kind in the US.

At our 2002 Symposium, we were visited by several Alaskan biomedes who wanted to organize their area. They wanted our advice on how to form an association. We have reached the level of "national recognition"! Over the years, we have advised several groups in organizing and in the 1980's put a Symposium together for the South Carolina group in the Columbia area. We were the first state biomedical association to have a woman president. Several associations designed their newsletter after ours and they still use that format. Over the years, we have advised other groups how to organize.

Individuals like Diane Aker(Smith), Boyd Campbell, Obie Godly, Helen Jones, and Glenn Scales, our first Vice President, have stayed active and provided valuable management and continued support. They have continued to do committee work and held volunteer positions even when not on the Board. There have been many more members active behind the scenes. We have had the privilege of some of the best talent in the Biomed field to serve us. They were focused, hard working, and determined to make the North Carolina Biomedical Association the best it can be! We are reaping the rewards of their hard work. But all the hard work these individuals would not have gotten us here without your, the membership, support. The NCBA offers many career opportunities for you and by your taking advantage of these, it has grown and made a "positive" difference in the Biomed community. My personal thanks to all those that have help to make it such a success!

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## N.C.B.A. Officers

	President	Vice President	Membership Secretary	Recording Secretary	Treasurer
1981	Patrick Lynch	Glenn Scales	Wes Cormack		Eddy Whisnant
1982	Frank Forest	Wes Cormack	Paul Stroud		Richard Zang
1983	Dale Crum	Eddy Whisnant	Sondra Miller		Patrick Lynch
1984	Ken Bissett	Haywood Pendergrass	Mac Garris	Judy Huff	Sonny Richards
1985	Michael Trumbore	Michael Marrow	Frank Forest	Lane Rushing	Patrick Lynch
1986	John Shore	Margaret Clark	Diane Smith	Dale Allman	Clyde Raymer
1987	Margaret Clark	Eddy Whisnant	Diane Smith	Susan Cowan	Roger Crisp
1988	Charles Worrell	Gary Sherman	Kevin Scoggin	Michael Trumbore	Dale Allman
1989	Dale Allman	Nick Speaks	Kevin Scoggin	Helen Jones	Kent Johnson
1990	Ken Bissett	Boyd Campbell	Norm Svee	Susan Cowan	Kent Johnson
1991	Boyd Campbell	Charles Worrell	John Shore	Helen Jones	Frank Forest
1992	Kevin Scoggin	Frank Forest	Bob Jones	Helen Jones	Norm Svee
1993	Lane Rushing	Jeff Nichols	Sidney McAlister	Obie Godley	Norm Svee
1994	Greg Johnson	Obie Godley	Sidney McAlister	Helen Jones	Mike Marrow
1995	Obie Godley	Dennis Minsent	Glenn Scales	Helen Jones	Mike Marrow
1996	Mike Marrow	Helen Jones	Glenn Scales	Dennis Murdock	John Noblitt
1997	Dennis Minsent	Ray Laxton	Glenn Scales	Helen Jones	John Noblitt
1998	Ray Laxton	Chris Dissinger	Glenn Scales	Sonny Richards	Randall Myers
1999	Chris Dissinger	Cheryl Spencer	Diane Aker	Sonny Richards	James Tripp
2000	Glenn Scales	Sonny Richards	Diane Aker	Tommy Ballard	James Tripp
2001	Brian Poplin	Dan Harrison	Diane Aker	Linda Leitch	Charles Worrell
2002	Boyd Campbell	Linda Leitch	Christina Fleming	Helen Jones	Charles Worrell
2003	Helen Jones	Dan Harrison	Christina Fleming	Sam Wright	Linda Leitch

# NCBA 2003 Annual Symposium and Exposition



Jennifer Brown at the ARAMARK CTS Booth



Time to Eat !!



NCBA Business Meeting on Tuesday



John Noblitt and David Wilson receiving grant checks from Boyd Campbell



John Krieg at the MD Publishing booth



Lane Rushing teaching the Lifepak 12 class



**December 2-4, 2003**

**Pinehurst Hotel & Resort**



Working with Difficult People class



NCBA Board of Directors Business Meeting



Ray Laxton, Manager of the Year



Northfield Instrument Services booth



Managing Endoscope Uptime class



John Noblitt, Professional of the Year

# Membership Report

## By Christina Fleming, Membership Secretary

Welcome to the 25<sup>th</sup> year of the North Carolina Biomedical Association. We are happy to have you join us for this special silver anniversary. It is bound to be a great year. NCBA is poised to grow with a good mixture of experienced members and new faces. Fifty-nine people are new to our organization this year, thirty-one individual members and twenty-eight students. Forty-one members who were not able to join us last year have returned to us. Please join me in a special welcome to all of these new members.

Starting the year 2003, we have 467 total members broken down as follows:

<b>Membership Status</b>	<b>Number of Members</b>
Individual	227
Honorary	13
Student	38
Subtotal	278
Associate	3
Corporate	186
Total	467



The cliché is well warranted here; but without our membership we'd have no organization. Some of our members have been with us for over 10 years, and some for the entire 25-year period. As this field has grown and evolved, you have seen to it that the NCBA has kept up with the times. Our field is still changing. It will be exciting to see what the next 25 years have in store for our organization.

This is a wonderful testimony to the value of membership in the NCBA. The pride members have shown over the years in the NCBA has translated into what you see today. I'd like to extend a personal invitation to each of our members. Have an active role in your organization. Do you see areas for improvement? Share your ideas with the board. Join a committee. Help keep us on the leading edge of the 21<sup>st</sup> century.

### NCBA Board Minutes, continued from page 3

Hotel Accommodations: Helen Jones

Charles and Helen shared with the Board that we saved money this year by providing our own A/V equipment and recommend we provide our own equipment again next year.

Education: Linda Lietch

Linda informed us that only a fourth of the symposium attendees filled out a survey and the ones who did fill out a survey did not qualify poor ratings with any follow-up comments. One general comment was that attendees wanted the classes to be longer. Overall comment was that they enjoyed the Symposium.

Vendor Relations: Mark Renfroe. Report deferred.

Membership: Crisci Fleming

Crisci informed the board that invoices will be sent out the week of January 13<sup>th</sup> to all individuals who have not renewed their membership. General discussion and group consensus that a general mailing for membership should be sent to all hospitals in the state.

Finance: Charles Worrell

Charles informed the Board that it is time for an audit of NCBA financials to be performed. An audit team will be assembled and a date set for the audit.

Helen reminded everyone to make hotel reservations for the next meeting to be held on February 7-8, 2003 at the Spring Maid Resort in Myrtle Beach, SC.

Everyone motioned for adjournment, and everyone seconded. The meeting was adjourned at 2:15 pm.

# SHOCKED!

No one sitting in the banquet room on Tuesday for lunch at the Symposium was more surprised to hear the name of the recipient for the NCBA Professional of the Year award sponsored by Hill Rom more than myself. I have been involved with the NCBA in some way or another for many years now. I know many people in this organization, many of which I feel could be the Professional of the Year. I think of NCBA members such as Ken Bisette a two-time NCBA president, Greg Johnson another past NCBA President, Glenn Scales whose CBET number I believe is below 100, I forget the exact number. Also people such as Helen Jones, Ray Laxton, Dale Crum, Mike Marrow and this list could go on and on. It is after working with people such as this that I am so overwhelmed to receive this award.

Some of the criteria to receive this award it seems to me that I got by default. I have been working in the biomed world in one form or another for what will soon be 20 years. In this time I have served on the NCBA Board of Directors, been a past Newsletter Editor, etc. In this respect I have given back to the biomed community but, it was all fun. All my other volunteer work such as serving on the charter school Board of Directors, doing the tutoring at a housing project, running the sound board at church I do to teach my daughter Cassie that she is blessed with gifts from God and must give of her gifts to the less fortunate. I never dreamed I would be recognized for these endeavors.

I encourage each member to nominate someone they know for this award. I am sure every member knows someone who is well deserving of this award. The NCBA is filled with deserving professionals and I am very honored to have been chosen this year.

In closing I would like to say thank you to Hill Rom for sponsoring this award and the Board for choosing me as the recipient of this prestigious honor. This is recognition that I will cherish the rest of my life. I am truly honored and humbled to receive this award.

Thank you,

John Noblitt, BS, CBET  
BMET Program Director  
Caldwell Community College

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## Windows XP continued from page 15

In the Advanced Options Menu, select the Last Known Good Configuration (your most recent settings that worked) option. Then press [ENTER].

After pressing [ENTER] you'll see a list of operating systems on the computer. If you have only one, you're set! Just press [ENTER]. If you have more than one, select the one you want to boot into and press [ENTER].

### Unload .dll's to Free Memory

Windows Explorer caches DLLs (Dynamic-Link Libraries) in memory for a period of time after the application using them has been closed. This can be an inefficient use of memory.

1. Find the key  
[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer].
2. Create a new DWORD sub-key named 'AlwaysUnloadDLL' and set the default value to equal '1' to disable Windows caching the DLL in memory.
3. Restart Windows for the change to take effect. I tried this after running an intense program, then watched the task manager; and the memory recovered itself.

### Display Windows Icons on the WinXP Desktop

Below is a easy way to choose what windows icons you want to display on the desktop.

1. Rightclick on the desktop and select "properties".
2. In the new "display properties" window, click on the "desktop" tab.
3. Hit the "customize desktop..." button at the bottom of the window.
4. Now you can select the icons you want.

### Easily Disable Messenger

If you don't want Messenger to run, there is a very easy way to disable it. Go into: C:/Program Files/Messenger. Rename the Messenger folder to "MessengerOFF" This does not slow down Outlook Express or hinder system performance.

### Remove Shortcut Arrow From Desktop Icons

Here's how you can remove those shortcut arrows from your desktop icons in Windows XP.

1. Start regedit.
2. Navigate to HKEY\_CLASSES\_ROOT\lnkfile
3. Delete the IsShortcut registry value.

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## New Board Member Sam Wright

Sam has been in the biomedical field for over 20 years and is currently the Director of the Clinical Equipment Management Department at North Carolina Baptist Hospital. He has a Bachelors of Business Administration degree and an Associates degree in BioMedical Engineering Technology.

Sam started out his biomedical career in the Air Force where he worked on everything from x-ray machines to dental equipment. After his enlistment he took a position in the civilian world at the local 450 bed medical center as a Lab equipment specialist where he received specialized training in Chemistry and blood gas analyzers. Sam helped the facility to get an in-house x-ray program started and then received additional training in the servicing of imaging equipment.

Sam has managed facilities from the 100 bed community hospital up to a 2,000 bed multi-hospital system in his career to date. Sam has successfully managed operations budgets in excess of five million dollars. Sam has been actively involved in all aspects of management to include several hospital committee positions. Sam has sat on the Safety Committee, Laser Safety Committee, Environment of Care Committee, Capital Equipment Committee, Products Committee, and a New Construction Committee to name a few.

Sam was actively involved in the Virginia Biomedical Association and the South East Texas Clinical Engineering Society during their startup phase. Sam has always been a supporter of local Biomedical organizations as a means for Biomedical Equipment Technicians to improve themselves.



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## 2003 Subscription Renewal

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NCBA Membership Subscription is renewed by individual registration for the symposium (occurring prior to the New Year) or submittal of the annual fee of \$50.<sup>00</sup>. With the subscription renewal, you will continue to receive the bimonthly newsletter publication of NCBA News, announcements of educational seminars, and class discounts. Maintaining your membership will also insure that you receive all 2002 Symposium literature as soon as it is available.

Since, unfortunately, you were unable to attend the 2002 Symposium, your renewal is now due. Please fill in the form, include with your payment, and mail to the address shown above.

Thank you for your attention to this matter and we hope to see you at the 2003 annual meeting on December 1-3, 2003 at the Pinehurst Resort in Pinehurst, NC.

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### **2003 NCBA Membership Subscription Dues**

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## Windows XP Tips

By Glenn Scales, CBET

### ***What Happened to Scandisk?***

A lot of you moved up from Windows 98 or Windows ME and have been looking for the scandisk program. What happened to scandisk? It's not there in Windows XP! Windows XP comes from the Windows NT/Windows 2000 family, and they never had scandisk. Instead, Windows XP uses a program called chkdsk. You can run chkdsk from the command prompt. Just open a command prompt and type chkdsk c:. When you run the chkdsk c: command the chkdsk program will check for errors. If you want chkdsk to fix disk errors, type the command: chkdsk c: /f (the /f stands for "fix"). If the disk is in use, it'll give you the opportunity to run chkdsk when the machine restarts. If you want to check drives other than the C: drive, just replace c: with the other drive letter.

### ***Clean Your Prefetch to Improve Performance***

This is a unique technique for WinXP. We know that it is necessary to wash registry and TEMP files for Win9X/ME/2000 periodically. Prefetch is a new and very useful technique in Windows XP. However, after using XP some time, the prefetch directory can get full of junk and obsolete links in the Prefetch catalog, which can slow down your computer notably. My suggestion is: open C(system drive):/windows/prefetch, delete those junk and obsolete files and reboot. It is recommended that you do this every month.

### ***The System Configuration Utility***

A handy utility for speeding up system performance in Windows XP (or any version of Win9x/me for that matter as well) is the System Configuration Utility. To access the system configuration utility, go to Start and click Run. Type msconfig and click ok. Click the tab labeled Startup. Uncheck any items for which you do not care if they load when Windows loads or you do not have any idea what they are. In Windows XP, no items that are listed here are essential to Windows running properly, so feel free to experiment. After you removed everything you don't need, click apply and then ok. Say yes when it asks you to restart your system. Enjoy the significantly enhanced performance!

### ***Speed Up Menu Display***

**IMPORTANT NOTE:** *Editing the Registry can cause serious harm to your system unless you do it properly. It is essential that you back up the Registry before making any changes.*

When using the Start menu the you will notice a delay between different tiers of the menu hierarchy. For the fastest computer experience possible I recommend changing this value to zero. This will allow the different tiers to appear instantly.

1. Start Regedit from the Run dialog box.
2. Navigate to HKEY\_CURRENT\_USER\Control Panel\Desktop
3. Select MenuShowDelay from the list on the right.
4. Right on it and select Modify.
5. Change the value to 0.
6. Reboot your computer.

### ***How to Start Your Computer with the Last Known Good Configuration***

The Last Known Good Configuration is a start up option that allows you to start the computer with settings that worked. This option can be a real life saver after you've installed a wayward application that prevents your computer from starting up normally. For example, you could install the Liquid Audio player available at the [www.amazon.com](http://www.amazon.com) site and really hose your Windows XP computer. The Last Known Good Configuration also allows you to return to a working set of drivers after you install a driver that whacked out your system. To get the Last Known Good Configuration going, just do the following:

Reboot the computer. You'll usually see a BIOS screen that shows the manufacturer of the BIOS or you'll see a pretty-full screen ad for the maker of your computer.

If you have multiple operating systems installed on the computer, you'll get a boot menu. At the boot menu, select the operating system of interest, and press the F8 key on the keyboard. If you don't have a boot menu, you want to make sure that you press F8 after the BIOS screen but before the graphical "Starting Windows XP" screen comes up. Try pressing F8 again and again after the BIOS screen shows up and stop when you see the Advanced Options Menu.

*Continued on page 12*

## SCHEDULE of NCBA BOARD of DIRECTORS MEETINGS for 2003

**February 7-8, 2003, Time 8:30 a.m.**

Board of Directors Planning Retreat  
Spring Maid Resort, Myrtle Beach, SC  
<http://www.springmaidbeach.com/> 800-770-6895

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

Sally Goebel's home, Burlington, 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](http://www.pinehurst.com)

**December 1-3, 2003**

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

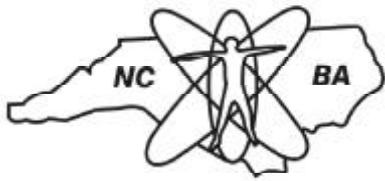
**January 9, 2004, Time: 10:00 a.m.**

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

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

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