



NCBA NEWS

The Newsletter of the North Carolina Biomedical Association

Volume 33 Issue 3

June 2014



Letter from your President

It's a bit hard to believe, but in about another six weeks we will be holding our 36th Annual NCBA Symposium and Expo. You will see elsewhere in this newsletter that the Symposium schedule and educational program is finalized and this marks another year of exceptional education and leadership development. The program this year features 30 class sessions arranged in six tracks or interest areas.

Each of the six tracks has a track chair assigned and these board members have worked hard throughout the year to bring you these programs. I'd like to recognize and thank this year's track chairs: Sally Goebel, Chad Granade, Clint McCoy, Codi Nelson and Paul Strachan. Please be sure to thank them for their efforts in bringing you these sessions.

Another issue that the NCBA Board of Directors has been struggling with is the location of the Symposium. As many of you know, the Symposium was held in Raleigh until moving to Greensboro, and then Pinehurst, before settling at our current location in Concord at the Embassy Suites. We have one more year on our contract with the Embassy Suites and we have started discussions within the Board of Directors about renewing versus relocating to a new location. Prior to the Symposium we will be sending out a survey to you asking for your feedback and recommendations. Board members will also be glad to discuss this with all our members so that we can make the best informed decision. Comments to the Board of Directors as a group can be sent via e-mail address bodall@ncbiomedassoc.com.

Also contained in this newsletter is an article describing a series of changes to the NCBA By-Laws that are intended to modernize them and make them current with our operational procedures that have slowly changed over the past ten years. Much of this is the result of advances in technology that we are all familiar with, but some of the changes have been proposed in order to help keep the NCBA growing and evolving in order to meet the educational and developmental needs of our changing membership. Please be sure to review the By-Laws recommendations and let me or another Board member know if you have any questions.

Travel safely and I hope to see all of you in Concord in September.

Glenn Scales, NCBA President



2013 Sponsor of the W. Glenn Scales Scholarship

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EMR Intergration (Capsule) UNC Hospitals (Lisa Stephens)	Events Involving Medical Devices HealthCare Technology Consulting (Alan Lipschultz)	CBET Review Part1 CCC&TI (John Noblitt)	Dialysis Troubleshooting Fresenius (Russell E. Smith)
BUSINESS LUNCHEON			
	Events Involving Medical Devices HealthCare Technology Consulting (Alan Lipschultz)	CBET Review Part 2 CCC&TI (John Noblitt)	Lifepak Physio Control (Lane Russell)
BREAK			
EXHIBIT HALL OPENING RECEPTION			
PIG PICKIN			
SYMPOSIUM REGISTRATION			
Basic Networking CCC&TI (Ira Duncan)		TBD	WRO 300 Cases Mar 2014 (Joe Henkel)
BREAK			
LUNCH IN VENDOR AREA			
Advanced Networking CCC&TI (Ira Duncan)	Santa Claus, CMS, and the PM Reality Aramark (Binseng Wang)		WRO 300 Cases Mar 2014 (Joe Henkel)
BREAK			
VENDOR EXHIBIT HALL			
Opening Night Football Kickoff Party			
SYMPOSIUM REGISTRATION			
Tech Scene 2014 Latest Technologias Corinne Hossington)	Lean Rex Health (Dr. Lukasz Mazur)	MAC5500 EKG Breakdown Aramark (Jerome Winchester)	
BREAK			

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2014 Proposed By Law Changes

Over the course of the past six months, the NCBA Rules and By-Laws Committee has developed the recommended changes to the December 2004 By-Laws in order to bring them up to date and to reflect the operational and technological changes that have taken place over the past ten years.

These 16 changes will be presented at the NCBA Business Meeting to be held at the Annual Symposium on Wednesday, September 3rd and will be voted on by the attending members for adoption immediately following the Business Meeting. Some of the changes are minor wording issues, but others will fundamentally change the way in which the NCBA operates, and in a manner that the Board feels will benefit our organization as we continue to grow and develop.

One of the biggest changes is that with the adoption of these changes, membership in the NCBA will be free and membership will continue for life. Membership expiration for current members will no longer be in effect and new members may join following our usual process, except that dues will no longer be collected. Inactive members will be able to log into their online profile and change their membership status from inactive to active. Former students can make this change as well as change their membership category from student to individual, as long as they meet the requirements for individual membership.

I will be available at the NCBA Symposium Registration Desk throughout the Symposium to answer any questions that members may have regarding any of these proposed changes. They will also be described at the Business Meeting and questions can be addressed prior to the voting. You can also e-mail me at pres@ncbiomedassoc.com. I'm looking forward to seeing you at the Symposium. All the best.

W. Glenn Scales, CBET-E
NCBA President

1. Delete Article III, Section 2, Paragraph A. 4.

At least a Certificate of Completion from the North Carolina Department of Labor, Apprenticeship Division as approved by the NCBA Apprenticeship Committee, or

2. Change Article III, Section 2, Paragraph C

Current: The Honorary member shall have no vote.

Proposed: Each honorary member shall have the right to vote in all association membership meetings.

3. Change Article III, Section 2, Paragraph A

Current: Application form shall be completed by applicant ...

Proposed: Application for membership shall be completed by the applicant, either as a written form or as an electronic submission...

4. Change Article III, Section 2, Paragraph A

Current: Applicants shall be provided with a copy of the Association's By-Laws upon acceptance as members.

Proposed: Approved applicants shall be given access to the Association's web site, which allows downloading the current By-Laws.

(continued on next page)

2014 Proposed By Law Changes

(cont.)

5. Addition to Article III, Section 3

Insert as Paragraph B & renumber the following paragraphs: All persons attending the Annual Symposium of the North Carolina Biomedical Association will be added to the membership records of the NCBA and that membership shall continue indefinitely as described in Article III, Section 4. The Membership Secretary shall review the Symposium attendee list and ensure that each attendee is added to the membership in a category that is appropriate and as defined in Article III, Section 2.

6. Change Article III, Section 4

Delete all material

Proposed: Individual, associate, student and institutional members shall pay no fees. Once membership is established, membership will continue indefinitely till the member changes their status to “Inactive”, or membership is rescinded by action of the Board of Directors. Students will be able to change the status in their online profile from student to “Individual” or “Associate” as long as they meet the requirements in the appropriate category as defined in Article III, Section 2.

7. Change Article IV, Section 4, Paragraph F

Current: Shall keep an updated list of the members ...

Proposed: Shall maintain an accurate record of the members ...

8. Change Article IV, Section 5

Proposed: Change all references to the number five to the number six.

9. Change Article IV, Section 13

Current: Those elected will assume office the following January 1st.

Proposed: Those elected will assume office at the next regularly scheduled meeting of the Board of Directors.

10. Article IV, Section 15

Delete all material

Proposed: Directors shall be elected by selecting the six (6) highest vote counts from the ballots submitted during the Business Meeting. These six individuals will assume office at the next regularly scheduled meeting of the Board of Directors.

In the event of a tie in the vote count, both individuals will be selected as one of the six elected members unless the tie is for sixth place. A tie for sixth place will be broken by a ballot of the serving board members present at a called meeting of the Board of Directors, immediately following the ballot counting process.

11. Article V, Section 1

Current: A quorum of the general Membership shall be constituted at regularly scheduled meetings if one third (1/3) of the voting Membership in good standing ...

Proposed: A quorum of the General Membership shall be constituted at regularly scheduled meetings if at least ten percent (5%) of the voting Membership in good standing ...

12. Article V, Section 1

Current: A quorum of General Membership shall be constituted at special meetings if one third (1/3) of the voting Membership in good standing ...

Proposed: A quorum of the general Membership shall be constituted at regularly scheduled meetings if at least ten percent (5%) of the voting Membership in good standing ...

2014 Proposed By Law Changes

(cont.)

13. Article V, Section 11

Current: "...will be made by the Recording Secretary in writing to all members in good standing..."

Proposed: "... will be made by the Recording Secretary to all members in good standing using any combination of written, oral or electronic communication..."

14. Article V, Section 12

Current: Upon the written request signed by at least one third (1/3) of the members in good standing ..."

Proposed: "Upon the written request signed by at least ten percent (5%) of the members in good standing ..."

15. Article VI, Section 1

Proposed: Delete the reference to the Apprenticeship Committee

16. Article IX, Section 4

Current: Delete the entire section

Proposed: The Recording Secretary will be responsible for ensuring that the current version of the NCBA By-Laws will be available for electronic dissemination or individual downloading by all members in good standing.

** Article IV, Section 15

My interpretation of this provision leads me to believe that in order to be elected, each Director must receive at least 50% + 1 of the cast ballots and that is not how we do it and have not for years. We currently select the 6 highest vote counts. Plus there is no defined provision for what happens if we have a tie for 6th place. By the time we determine that a tie has occurred, the business meeting is closed and the voting members are in classes.

Submitted by: Glenn Scales, CBET-E



Symposium Headliners

“The Revised CMS Mandate: Lies, White Lies, and Politics”



The NCBA is very excited to have Binseng Wang and Salil Balar from ARAMARK Healthcare Technologies present a session titled, “The Revised CMS Mandate: Lies, White Lies, and Politics” on Thursday, September 4th.

The Centers for Medicare & Medicaid Services (CMS) issued a revised interpretation of the Conditions of Participation on 12/20/2013, superseding the document issued in December 2011. This revision (known as S&C 14-07) allows hospitals and contractors to establish an Alternate Equipment Management (AEM) program for biomedical equipment if they can prove that the AEM is “safe and effective.”

However, imaging, lasers, and “new” equipment (for which there is insufficient history) is required to be maintained according to manufacturers’ recommendations. In addition, hospitals are required to divide equipment into two categories: critical or non-critical, regardless of which maintenance strategy is adopted. The maintenance of critical equipment will be closely scrutinized by surveyors.

Although this revision is a significant improvement over the 2011 document, several challenges remain. No definition of critical equipment was offered, so each hospital will have to define its own list. While laser manufacturers are required by FDA to provide maintenance recommendations, no others have this obligation; so it is unclear how clinical engineering (CE) professionals can comply in the case of manufacturers declining to provide those recommendations. Evaluation of AEM safety and effectiveness requires large amount of data which takes time to compile, and there are very few maintenance-induced patient incidents for adequate analyses. Some possible implementation ideas will be discussed.

Binseng Wang is Vice President, Quality and Regulatory Compliance, with ARAMARK Healthcare Technologies. He began his career in Brazil, working in academia, hospitals and a large health system. In the US, he was a visiting scientist at NIH and a vice president at MEDIQ. He earned a doctorate from Massachusetts Inst. of Technology and certifications as CCE and ISO 9001 auditor.

He has been elected fellow by the American College of Clinical Engineering and American Institute of Medical and Biological Engineering.



Salil Balar is Director of Technology Management with ARAMARK Healthcare Technologies. He worked for Arnot Ogden Medical Center, Elmira NY, and Beaumont Hospitals, Royal Oak MI, before joining ARAMARK Healthcare Technologies. He holds a Bachelor’s in Mechanical Engineering degree from Gujarat University, MS Biomedical Engineering from Iowa State University, and MBA from Wayne State University.

This highly relevant program will provide exceptional guidance and interpretation for healthcare technology managers in the NCBA. While there has been some confusion about this since it was first introduced, the latest revision by the CMS may be an improvement, but there are multiple strategies for implementation and the ARAMARK team will provide guidance on compliance strategies and methods of data collection and interpretation. NCBA members are encouraged to plan to attend this valuable program.

Binseng and Salil are frequent presenters at AAMI, MD Expo, and of course, the NCBA. Both have been long time contributors to the NCBA News as well as NCBA Symposium classes and stand-alone programs.

SONODEPOT
ULTRASOUND SOLUTIONS

Corinne Hoisington to present at NCBA symposium

Corinne Hoisington has consistently been one of the most highly rated speakers at the NCBA Symposium and joins us again this year for two highly anticipated presentations. Corinne is a full-time Professor of Information Systems Technology at Central Virginia Community College in Lynchburg, VA with over 25 years of teaching experience. Corinne also travels over 200,000 miles a year speaking to college & university professors and K12 venues in over 50 cities this year for such customers as the Microsoft Corporation, Cengage Learning, and many other universities and K12 groups. Professor Hoisington is the recipient of the Microsoft Most Valuable Professional in Computer Programming. Corinne presently has authored over a dozen books with the Shelly Cashman series such as the Dreamweaver CS6, Windows 8, Outlook 2013, Android Boot Camp: Programming the Android for Beginners, and Visual Basic 2012.

So what will this year bring? New technologies are everywhere and changing how we can engage with our students. The trends this year include: Internet of Things, Microsoft Office as an app, 3-D Printers, and so much more. The "Internet of Things" is predicted that 50 to 100 billion things will be electronically connected by 2020. This Internet of Things (IoT) will fuel technology innovation by creating the means for machines to communicate many different types of information with one another. With all objects in the world connected, classrooms will be transformed. Join Corinne on Friday, Sept. 5th morning for this engaging and informative session. Her afternoon session, at 1:00pm following lunch, will feature an in depth look at using the new Microsoft Office 365 with Windows 8. Many organizations are migrating to "cloud" technologies and Corinne will offer an insight into this emerging issue and how it will change your workplace.

Call to Duty

Each year at the annual symposium, the NCBA Board of Directors looks to replenish its rolls by holding a general membership election and filling vacancies left by those Board members who have completed their term of service.

For most of us, one of the reasons we find ourselves in the HTM profession is because it allows us to utilize our skills, knowledge and talent to give back to our community. A great deal of satisfaction can be achieved from the work that we do and the support we provide to the fine organizations we associate with.

Towards that end, serving on the NCBA Board is another way of giving back and providing support to our fellow state biomed groups. The work is interesting, rewarding, and fulfilling. I strongly encourage you to consider giving a little of your time in helping us continue the fine traditions of the NCBA and having a say in the direction and progress it makes for the future of Health Technology Management in the state of North Carolina.

If you want to learn more about seeking board membership, please don't hesitate to contact me. I sincerely look forward to hearing from you.

Steve Bowers 919-784-7062

stevenbowers@msn.com

steven.bowers@rexhealth.com

North Carolina Biomedical Association
Board of Directors Meeting Minutes
14 May 2014
Pinehurst Hotel
Village of Pinehurst, NC

April minutes reviewed. Motioned made Sally (noting one correction). Seconded by Clint to approve the minutes. Motion carried.

Treasurer Report – Sally

Financial reports being processed. Technical support required to update applications for financial review and reconciliation of bank statements. Verification of revenue received forthcoming. Symposium registrants to date reviewed for income projections. Current expenses via PayPal and other misc. reviewed. Fiscal year calendar and data to be modified to reflect only current calendar year. Corrected copy of financial statement forthcoming for Board review.

Membership – Chad (via text) Minimal activity to report. Website login options discussed for membership Membership report to be updated and provided.

Education – Clint

8 individuals attended the standalone injector class. Future standalone technical training class options discussed. Discussion of ways and means of enhancing communication with all hospitals and associated biomed teams in the state to encourage participation and interest in local education, training, and seminars. Discussion of compiling lists and contact information for hospital administrators, risk managers, clinical management, and other interested groups to join in for appropriate seminars, training, and presentations. Glenn to reach out to professional groups for possible options and speakers to present professional topics of interest.

Scholarship – Sally

Commitment made from Aramark for the Reeves scholarship of \$2000. Or the Glenn Scales scholarship of \$5000.

Additional organizations to be solicited for assistance with NCBA scholarships. The Professional of the Year award discussed for requirements, criteria, and involvement. Glenn to update the POY award criteria and send out to Board members for modifications and/or approval. The Prof of the Year award is increased to \$1500 and recognition to the supporting vendor and/or organization to be detailed and promoted to membership.

Rules and By-Laws – Glenn

Updates and changes to be drafted, revised, and released to membership. Professional of the Year award will be noted as intended for NCBA members only. Amendment clarification of membership status and eligibility to be confirmed to membership via media, website, and newsletter.

Newsletter – Glenn

Feedback from injector class attendees for input to an upcoming newsletter article. Ideas and articles for upcoming newsletters discussed and will continue to be solicited. Symposium news and events to be highlighted in each outgoing newsletter. Newsletter has been reviewed and will be presented for distribution

Hotel Accommodations – Greg, Glenn. Pinehurst Hotel Visit – Sarah Green (hotel representative) – Presentation and tour conducted. Reviewed meeting spaces, amenities, hotel accommodations, and special features of the resort.

Discussed dates of opportunity for 2016 and 17. Possible Tues through Friday. End of Aug considered.

Walking tour of spaces. Convention Makers and Southern Exhibition Services Vendors reviewed for assistance with planning & set up. Discussion of number of vendors and booths that Pinehurst will be able to accommodate.

Overview of Pinehurst benefits including membership preference and appeal of accommodations.

Recommendation (Greg) to put forth a membership survey to solicit preference for symposium location

Overall Pinehurst offer, pricing structure, and contract reviewed.

(Continued on next page)

Registrations open as of 1 May to promote attendance and involvement.

Open class on Friday afternoon in the Advance Biomed Track. Ideas and recommendations for filling this peri-

Board Minutes (cont)

Symposium Education – Clint

Registrations open as of 1 May to promote attendance and involvement.

Open class on Friday afternoon in the Advance Biomed Track. Ideas and recommendations for filling this period. Steve to investigate contacts at Prescott Microscope for possible microscope cleaning training and provide contact info to Clint. Discussion of remaining details and requirements to close and finalize the existing class schedule. Additional speaker bios and class descriptions to be posted.

Glenn to send email and information out on individual classes as press releases to membership.

Meeting Adjourned





Registration is Open!

Registration is open for the NCBA Symposium. Make your reservations early to ensure you enjoy all the festivities of this year's event.

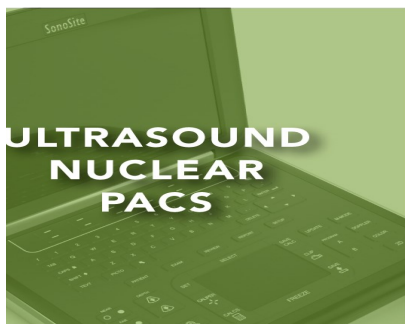
Here are the directions for making your hotel reservations. You can go to the NCBA's webpage www.ncbiomedassoc.com and click on the symposium tab. Make sure you put the code **BIO** in the Group/Convention Code blank. Be careful not to enter the BIO code in Promotion/Offer Code or Corporate Account blank!. You may also book your reservations by following these instructions.

-Calling the hotel direct @ 704 455 8200 and speaking to our reservations department.

-Calling 1 800 EMBASSY

-Going online to www.embassysuitesconcord.com and entering the Group/Convention Code: BIO.

The cut off date for the group price is 7/25/14



Dollars and Cents

Balance Sheet		Profit and Loss	
Assets:		Total Income:	\$14,325.00
Current Assets:		Expenses:	
Checking	\$38,895.00	Total Awards Grants:	\$0.00
CD1	\$29,297.50	Total General Admin:	\$903.16
CD2	\$29,777.59	Total Professional Fees:	\$18,500.00
Total Current Assets	\$97,971.02	Total Seminar Expenses:	\$0.00
Total Fixed Assets	\$527.81	Total Expenses:	\$19,403.16
Total Assets:	\$98,498.83		
Liabilities & Equity:			
Total Liabilities:	\$0		
Total Equity:	\$98,498.83		
Total Liabilities & Equity:	\$98,498.83		



Survey Monkey Results

No surveys were submitted to obtain members preference on future symposium locations.

Contact Us

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Association

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Vice-President:

Clint McCoy, CBET

Aramark/UNC Healthcare

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Mindray NA

Committees and Members

Rules and Bylaws:

Glenn Scales, CBET-E (Chair), Helen Jones, CBET

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Chad Grenade (Chair), David Wilson

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Sally Goebel (Chair), Greg Johnson,

Glenn Scales, Helen Jones

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Education Committee:

Clint McCoy, CBET (Chair), John Noblitt, Paul Strachen, Sally Goebel, Helen Jones, Glenn Scales

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Webmaster- Jeremy Collins