



NCBA NEWS

June 2016

Volume 35, Issue 2

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Contact Us:
bodall@ncbiomedassoc.com

President's Letter

President's Welcome Message

6/28/2016

As we approach summer, my focus is on the final planning stages of the NCBA Symposium and our historic return to the Pinehurst Hotel.

One of the significant events which the Board of Directors is planning is the annual elections of Directors at the NCBA Business Meeting on Wednesday, August 24th. This is one of our most important activities at the Symposium because it establishes the leadership team for the following year. I'd like to remind you that the membership elects the 12 members of the Board of Directors, utilizing staggered two-year terms, and the Board elects its own five officers from within themselves. In addition to the 12 Directors and the Ex-Officio, the leadership team is comprised of multiple committee chairs and volunteer "coordinators" that help ensure the success and operation of your organization.

I'd like to encourage our members to consider serving in an elected or volunteer position this next year and help provide a valuable service to your NCBA. It is also a great development and networking opportunity that provides immeasurable benefits to you in your career.

We have a spectacular golfing opportunity for you this year at the Pinehurst Number One Golf Course. Golf is scheduled for noon on Tuesday, August 23rd. Registration has been open for several weeks and the teams are filling up quickly. Please go to the NCBA web site for registration or contact our Golf Coordinator at golf@ncbiomedassoc.com for assistance.

Of course, the heart and focus of the Symposium is our educational program. Again this year we have 30 educational sessions scheduled over three days that have been planned by the working Healthcare Technology Management professionals on the Board of Directors. This is important because you will be participating in educational and developmental programs developed specifically for working technicians, engineers and managers.

One of the highlights at the Pinehurst Hotel is the Spa. The Spa Group Sales Manager Allison Kavulich, is offering NCBA attendees a 10% group discount on any spa services (50 min. or greater) that are reserved for you and your guests during your stay! Please note we recommend making your selections of preferred services as soon as possible in order to avoid any disappointment from your guests

Finally, if you haven't yet made your hotel reservations, you should do so soon as we expect that our reserved rooms will sell out. The cut-off date for a guaranteed room is August 1st. Rooms will still be available after that date, and the NCBA discounted rate is still available, but after the 1st those reserved rooms will be released to other guests. Please call 855-441-2517 to reserve your room at the guaranteed discounted rate.

W. Glenn Scales, CBET-E

Quality products deserve quality service



When you buy the best, have it serviced by the best

With DrägerService® caring for your medical equipment, you can rest assured that it will help maximize uptime, operate at peak efficiency, and be in compliance with ever-changing regulations – resulting in greater patient safety. Our built-in service can lead to higher peace of mind and lower cost of ownership over the life of your Dräger equipment. So when you look for a service provider, consider the real value.

TO LEARN HOW WE CAN HELP, VISIT US AT NCBA

Dräger. Technology for Life®

Below you will find a few of the quality classes the NCBA will be offering at our 38th Annual Symposium.

Certified Healthcare Technology Management (CHTM)

This course will provide insight to all areas of this certification exam. This class will look at financial and risk management along with management of day to day operations of a HTM department in today's healthcare environment. This course will touch on education and training of the technical staff along with concerns from the realm of human resources which may be on the exam. This course will close with an open discussion of topics which certification seekers may see on the exam.

Instructor: John Noblitt, M.A.Ed., CBET, Caldwell Community College & Technical Institute, BMET program Director

John Noblitt is an honorary lifetime member of the NCBA and the program director for BMET at Caldwell Community College and Technical Institute in Hudson, NC. John earned his A.A.S. degree in BMET from Alamance Community College in Burlington, NC. Upon graduation John began his BMET career in Danville, KY working for SunHealth, Inc. After several years of service with SunHealth, John accepted a field service position with Corometrics Medical Systems servicing fetal monitoring products and Aloka diagnostic ultrasound machines. In 1992 John began his teaching career at Caldwell and returned to school to earn his B.S. and his M.A.Ed. from Western Carolina University. John has remained active in the biomedical community with service to organizations such as NCBA and AAMI. John is on the editorial board for TechNation magazine and has authored the ICC Prep column in 24X7 Magazine for many years.

Cutting Edge Technology 2016

What new technologies will change our biomedical world in 2016? As the proliferation of smart devices begins in earnest, medical workers may invite a whole new wave of security risks into medical devices and personal lives without even realizing it. Take a 360 overview of what risks exist because any device with an operating system can be hacked, be it a smartphone, medical device, car, or beyond. The Internet of Things has such an exciting outlook, as long as security is planned at every step. But that doesn't make these hacks any less clever...or problematic. Be safe, be careful, be powerful! Join is for the latest, greatest technologies in 2016!

The New Microsoft Mantra 2016

Join us for a full in-depth tour of what is happening in the Office suite world – see Microsoft's next-generation of Office/Windows 10 which has been overhauled to include a new clean look that adds amazing power to Excel with Power BI and shared authoring capabilities in Word. See new Office apps such as Sway, Office Mix, Yammer, Delve, and the Microsoft OneNote experience. See the new voice activation in OneNote and beyond!

Instructor: Corinne Hoisington, Central Virginia Community College, Professor of Information Systems Technology

Corinne Hoisington 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.

FDA Updates for Information on Third Party Entities

What's going on with the FDA? They asked for input back in March, April and May. But what have they done with it since then? And what are they likely to do? Are they going to make my life, as a BMET, easier, or harder? Is the cost to my hospital going up? Or down? Am I going to have to work harder to assure that the parts, work, and equipment coming into my facility are safe and reliable? Am I going to have to create new policies or procedure to comply with new rules that I don't even know about yet? How do I find time to do all of these new things, while trying to keep up with the backlog of repairs and PMs that I can't seem to catch up with? Are there some quick and easy ways to comply that won't cost me a lot of time or money, either up front, or every month as we go forward? Come and hear as Pat Lynch collects the very latest information available, translates it into plain ole English (as opposed to FDA/government-speak), and tells you what you need to do to make everyone happy (including yourself, your boss, and your family).

Instructor: Patrick "Pat" Lynch, CHTM, CBET, CCE, MBA, CHTS-PW, CPHIMS

Patrick Lynch is an experienced healthcare technology manager (HTM) with formal training as a technician, engineer, and in business management (at the graduate level). He has worked exclusively in healthcare since 1975. And has managed clinical engineering and biomedical departments since 1979. Presently, he is engaged in consulting and charitable work. His consulting assists in-house HTM departments with projects that they do not have the time and/or experience in completing with available resources. For companies, he assists in refining marketing strategy and their value propositions to create stronger sales and increased market success. Pat is the 2-time winner of the ACCE (American College of Clinical Engineering) Advocacy Award (2004 and 2009), MD Publishing's Professional of the Year (2012), and AAMI's HTM Leader of the Year in 2014. Professionally, he was the first president of the North Carolina Biomedical Association in 1980/81 and the Chairman of the Board of Examiners for Biomedical Equipment Technicians for 6 years, as well as Chairman of the Clinical Engineering Board of Examiners for 3 years. Patrick remains active in the profession, as a member of over 40 Biomedical associations in the US, and a Board Member or advisor to many of them (META, NC, SC, Alabama, Utah, Virginia, and Ohio). Pat is a regular contributor to 24x7 Magazine, BI&T, TechNation listserv, and Biomedtalk listserv. Pat is a fellow of the American College of Clinical Engineering. Pat is currently the President of the HTMA-SC and the Treasurer of the HTMA-GA. Pat also posts daily blogs, monthly articles in trade magazines, no-charge advice, consulting, mentoring, frequent educational presentations and the active creation and development of local biomedical associations. He recently started Biomed Without Borders to support Biomed in other countries, using donated excess tools, test equipment and supplies from US Biomed. (www.BiomedWithoutBorders.com) Pat also remains active in the training and support of Biomed in other countries, having taught in Cuba, Rwanda (Africa), Haiti, Honduras and Guatemala. Pat is married, living happily in Fort Mill, South Carolina with his wife, and near their 3 children and 8 grandchildren (2 of which he and his wife are raising). He may be reached at patrick@plynch.us.

Joint Commission Environment of Care and Compliance

John Maurer will be discussing the most challenging standards that have affected hospitals during 2015 and standards changes for 2016. Additionally, there will be insight offered that will assist facilities with their medical equipment management program maintenance and improvement efforts. At the conclusion of this presentation, the participants will be able to:

1. Understand the top challenging standards relative to the physical environment
2. Understand risk process improvement relative to the physical environment
3. Understand recent and upcoming standards changes

Instructor: John Maurer, The Joint Commission, Engineer

John Maurer is currently an Engineer in the Department of Engineering at The Joint Commission. In this role, he provides support for the Environment of Care, Emergency Management, and Life Safety standards

including interpretation of the standards, review of survey reports, Intracycle Monitoring conference calls, faculty for educational programs, and survey activity. He is also a member of the emergency management team providing relevant information to the healthcare community, and works closely with the Joint Commission's Office of Quality and Patient Safety. Mr. Maurer came to The Joint Commission in 2007. He has over 20 years experience in facilities management across three hospitals in the Chicago area ranging from 87 to 250 beds (most recently while serving as a Life Safety Code Surveyor). In addition to normal facilities functions, Mr. Maurer was responsible for several construction projects, energy reduction and efficiency initiatives, property management, and safety programs. Mr. Maurer is a Certified Healthcare Facilities Manager (CHFM), a Certified Healthcare Safety Professional (CHSP), and a member of the National Fire Protection Association (NFPA), serving on three technical committees for NFPA 99. In addition, he is a member of the American Society for Healthcare Engineering (ASHE) with Senior (SASHE) status. He is also a member of the Healthcare Engineers Society of Northern Illinois (HESNI) serving on the HESNI Board of Directors since 2008, and as President for 2010 and 2011 providing education, development, and support for facility professionals. Mr. Maurer received his Bachelor's degree in Business Management from Olivet Nazarene University in Bourbonnais, IL.

HL7 in Depth

NCBA - HL7 special session: 6 hrs.

Content:

1. Overview: 1.0 hrs.
 1. Introduction to HL7 and its practical use in healthcare workflow
 2. Solicited and unsolicited messages
 3. Types of HL7 messages based on common events
2. HL7 structure: 2.5 hrs.
 1. Acknowledgement types, Data types, Escape sequences
 2. Practical demo: Use of EDI message designer (as a tool) to look at a HL7 message structure. Chose certain messages such as ADT, ORMs as an example
 3. Practical demo: Send in a HL7 message from a source and view mistakes in the message structure or the incoming HL7 message
 4. Practical demo: Look at HL7 validation tables for source data correctness
3. Special messages and use: 1.5 hrs.
 1. Billing messages – BAR/DFT
 2. Lab messages – ORM/OML
 3. Query messages – QRY
 4. Results messages – ORU
 5. Schedule messages - SIU
 6. File encapsulation – PDF encapsulation
4. HL7 mapping: 1 hr.
 1. Practical demo: Mapping fields to fields from incoming HL7 to outgoing HL7
 2. Practical demo: Use of a mapping tool to show a mapping example (Patient Name from an incoming HL7 message to an outgoing HL7 message of differing versions)

Instructor: Kulwant Lotey, Philips Healthcare, Software Engineer/Technical Trainer

Kulwant Lotey has worked in the healthcare industry for over thirty years, the last twenty six years of which at Philips. He has worked in many areas of software engineering while at Philips and also as a technical trainer with focus on Healthcare Informatics. He lives in Cleveland Ohio with his wife, and they have three children. The eldest is completing his PhD and the middle daughter is a Physician. The youngest is still in university, and she is studying Law. Kulwant is an "outdoors" person, he enjoys bicycling, running and playing tennis. He also likes driving fast cars and riding motorcycles.

Alcon Infiniti Anatomy/System Overview

Brief history of Cataract and Retinal surgery and the equipment used *Provide context for following discussions of the procedure and equipment.* Ocular Anatomy & Physiology A detailed look at the structures of the eye and their function. This is important background information that helps give context to system troubleshooting.

Pump Styles Used in Eye Surgery: *This section goes over the different types of pumps used in the surgical systems. Pumps are the major component of what can go wrong during surgery.*

Cataract Surgical Procedure: *Review the two most common surgical procedures, how the pumps and ultrasound do the work of removing the cataract.*

The ALCON INFINITI Surgical System Setup for surgery

- Troubleshooting during a cataract procedure
- Testing the Pump Flow
- Testing the Vacuum
- Common errors and solutions

Instructor: John Weymouth, BMET

Project Leader, Sales Management, Sales & Service education with unique background combining biomedical engineering, product development, marketing, advertising, capital equipment sales, hospital consumable sales, and office based diagnostic equipment sales. Adept at taking projects from concept to delivery. Skilled in medical device development incorporating physiological knowledge, user interface design. Vast experience working closely with surgeons and medical technicians worldwide. Owner, president of MEDISURG – Medical Equipment Solutions, Founder Starpath Training, Biomed service school.

Understanding Anesthesia Delivery

The purpose of this course is for biomedical professional to become more familiar with anesthesia delivery machines. Understanding gas delivery machines through the terms and concepts applied to them. This will allow the participants to better understand and perform Leak/Self Tests, basic diagnostics and user maintenance. Following this course Biomedical Professionals will be able to effectively communicate with the Medical Professional, and act as a liaison to the Vendor. Topics covered will be machine set-up, overview of common delivery methods, description of basic and hybrid ventilation modes, and user focused troubleshooting techniques.

Instructor: Greg Oswalt

Greg Oswalt is the Southeast Anesthesia Sales Manager for Mindray North America.

Greg is a seasoned leader who has enjoyed a successful 30+ year career selling hospital capital equipment with several of the largest market share leading companies in the healthcare industry. He is an Integral trailblazer who excels at analyzing customer needs, who offers up-to-date knowledge of products, industry trends, and client requirements.

Greg's goal is to share his 15+ years' experience in anesthesia reviewing the safety features of Mindray anesthesia systems, the history of anesthesia, and answer any questions that can help the biomedical community.

CRES Review

The International Certification Commission (CICC) offers independent certification testing in the areas of biomedical, Clinical Lab, and Radiology. The radiological endorsement is called Certification for Radiological Equipment Specialist (CRES). The test consists of 150 multiple choice questions divided into

5 sections. Up to 6 hours are allowed for completing the exam. This course is designed to teach the experienced service professional the requisite knowledge necessary to successfully pass the CRES test. The subjects include radiation physics, radiation safety, anatomy, physiology, x-ray equipment use, CDRH compliance testing, electronics, and troubleshooting. The CRES certification testing is given 4 times a year in over 100 cities.

**An application can be acquired by calling the ICC at:
(703) 525-4890, ext. 207**

Depending on the testing site, the application must be submitted up to 8 weeks in advance. At the conclusion of this course, attendees will have successfully completed the 5 major areas of study needed for CRES certification and will be fully prepared, along with their experiential learning, to pass the CRES test.

- Anatomy and Physiology.
- Radiologic physics and safety.
- Electricity and electronics.
- Radiologic equipment applications.
- Technical problem solving.

Instructor: Joe Geary, RSTI, Trainer

Joe joined RSTI in October 1990 where he was responsible for updating and implementing Phases I-IV in RSTI's X-Ray Certificate Series and Siemens Polyphos. Additionally, he installed, repaired, and calibrated equipment from various manufacturers; provided on-site technical support; and interacted with manufacturers for the purpose of acquiring and demonstrating test equipment. Joe left RSTI to serve as Supervisor of Diagnostic Imaging Training at Ditec from 1992-2013. He was also President of JC Imaging, performing preventative and corrective maintenance as Instrumentarian's Field Service Representative from 1999-2009. He returned to RSTI in February of 2014, and currently holds the position of Technical Training Instructor.

Class Offering:

CRES Review Part 1

CRES Review Part 2

Mac 5500 Series EKG Machine Troubleshooting and Repair

This class will be a "hands-on" beginner to intermediate class designed to familiarize biomedical professionals with the disassembly, focus points, troubleshooting and common faults for the GE MAC 5000/5500/5500HD resting ECG unit.

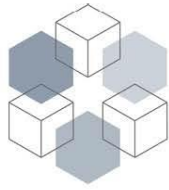
Instructor: Steve Rooks, Southeastern Biomedical Associates, BIOMED

Steve Rooks graduated from CCC&TI in 2005. US Field service technician for a Laboratory automation company based in Germany for 7 years. He is now a depot master repair technician with Southeastern Biomedical Associates since 2011.

NCBA 2016 - Symposium Schedule

Pinehurst Hotel & Resort • 80 Carolina Vista Dr. • Pinehurst, NC 28347 • (910) 295-6811 • www.pinehurst.com

TUESDAY, AUGUST 23rd, 2016						
12:00PM - 4:00PM	NCBA GOLF TOURNAMENT - PINEHURST HOTEL GOLF COURSE					
	Track I	Track II	Track III	Track IV	Track V	Track VI
WEDNESDAY, AUGUST 24th, 2016						
7:30AM - 9:00AM	SYMPOSIUM REGISTRATION					
9:00AM - 12:00PM	"See Beyond the Bench" The Leadership Secrets of a Technical Expert, Bill Franklin	Networking Part 1, Brandon Crump - Nick Huneycutt, Stanly Community College	Microsoft Excel Advanced Techniques, The Employers Association	Philips HL7 in depth Pt. 1, Philips Healthcare, Kulwant Lotey	Alcon Infiniti Anatomy/System Overview Pt. 1, Medisurg	CRES Review Pt 1, RSTI
10:15AM - 10:30AM	BREAK					
12:00PM - 1:30PM	BUSINESS LUNCHEON					
1:30PM - 4:30PM	CHTM Review, John Noblitt	Advanced Networking Part 2, Brandon Crump - Nick Huneycutt, Stanly Community College	NCBA Roundtable - Focus on AEMP and Sucession Planning	Philips HL7 in depth Pt. 2, Philips Healthcare, Kulwant Lotey	Alcon Infiniti Troubleshooting/Hands On Pt. 2, Medisurg	CRES Review Pt 2, RSTI
2:45PM - 3:00PM	BREAK					
4:30PM - 6:30PM	EXHIBIT HALL OPENING RECEPTION					
8:00PM-10:00PM	TechNation Tour Party (Dugan's Pub)					
THURSDAY, AUGUST 25th, 2016						
7:30AM- 8:30AM	SYMPOSIUM REGISTRATION					
8:30AM - 9:30AM	OPENING CEREMONY AND PRESIDENT'S WELCOME ADDRESS					
9:30AM - 12:00PM	VENDOR EXHIBIT HALL					
12:00PM - 1:00PM	LUNCH					
1:00PM - 4:00PM	Technical Resume's and Interviewing, Jennifer Brown	Understanding Anesthesia Delivery, Min-dray	TJC Update, TJC - John Mauer	Lifepak 20e Service, Lane Rushing & MaryAnn Cotton	Leica Microscopes, Marathon Medical - Mark Grant	GE CT Remote Access for Diagnostics, RSTI
2:30PM - 2:45PM	BREAK					
8:00PM - 10:00PM	Pickin' & Grinnin' (Cardinal Ball Room)					
FRIDAY, AUGUST 26th, 2016						
7:30AM - 9:00AM	SYMPOSIUM REGISTRATION					
9:00AM - 12:00PM	How to Transition Away from the OEM, Don Stadler Technical Prospects	Cutting Edge Technology 2016 Corinne Hoisington	FDA Updates, Pat Lynch	MAC 5500 Troubleshooting and Repair, Southeastern Bio-medical	Ventilator Preventative Maintenance & Troubleshooting Workshop, Eric Welch, Ariel Avalos, & William Mannes - UHS	Diagnosing Problems in a PACS Network Using Software Emulators, RSTI
10:00AM - 10:15AM	BREAK					
12:00PM - 1:00PM	LUNCH					
1:00PM - 4:00PM	Building Relationships with the "C" Suite, and Growing a Positive Department Image, Pat Lynch	The New Microsoft Mantra 2016 Corinne Hoisington	Proper Endoscope Care, Thomas Kief, Certified Surgical Services	Smith & Nephew Video Equipment, Bruce Hahn Smith & Nephew	Ultrasound Probe Care, Handling, and Hands on Leakage Testing. Doug Adams, GMI	Radiation Safety in the Medical Environment, Mark Pflug - RSO Cone Health
2:30PM - 2:45PM	BREAK					



SOUTHEASTERN
BIOMEDICAL ASSOCIATES INC

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828-396-6010 • Fax: 828-396-6030

888-310-7322

info@sebiomedical.com

www.sebiomedical.com

On-Site Test Equipment Calibration



“Biomed helping Biomed”

Southeastern Biomedical is committed to providing convenient, cost effective on-site calibration and repair service of test, measurement, and diagnostic equipment operated by biomed departments in hospitals.

Our on-site test equipment calibration service will:

- Eliminate shipping costs and shipping damage
- Reduce downtime from weeks to hours
- Increase productivity

Our new high-end test devices provide us with a wide range of capabilities allowing us to:

- Calibrate and repair a wide variety of manufacturer's test equipment

Our calibration management software will:

- Allow us to identify and notify you when your equipment is due for calibration
- Provide a history of calibration and repair services performed on your test equipment

All calibrations are traceable to the National Institute of Standards and Technology (N.I.S.T.)

www.sebiomedical.com

Calling all Vendors!

Have you registered for the 38th Annual Symposium and exposition in beautiful Pinehurst, NC? If not please visit the NCBA website and get your spot before they are all gone. Below is a list of vendors that are already confirmed for our 38th annual symposium.

<http://www.ncbiomedassoc.com/Symposium.aspx>

24x7 Magazine	First Call Parts	Pacific Medical, LLC
A+ Medical Company, Inc.	Fluke Biomedical	Philips Healthcare
AAMI	Fukuda Denshi	Physio-Control, Inc.
Absolute Imaging Solutions	GeoSonics, Inc	Pronk Technologies
Advanced Sterilization Products	Global Medical Imaging, LLC (GMI)	RepairMED
American I.V. Products, Inc.	Gopher Medical	Replacement Parts Industries (RPI)
AMX Solutions, Inc. (Formerly Digital MXS, Inc.)	International Medical Equipment & Service (IMES)	Rigel Medical
Anacom Medtek	Interstate All Battery Center	Sage Services Group
ATS Laboratories, Inc.	Masimo	Samaritan's Purse
BC Group International, Inc.	Mauil Biomedical Training, LLC	SONODEPOT INC
Bio-medical Equipment Service Company	MD Publishing, Inc.	Southeast Laser Systems, Inc.
Blue Ridge X-Ray	MedEquip Biomedical	Southeastern Biomedical Associates, Inc.
Cadmet, Inc.	MediMizer, Inc	Spacelabs Healthcare
Crothall Clinical Equipment Services	Medtronic	Spectrum Technologies, Inc
DotMed	Metropolitan Medical Services of NC, Inc.	Systems Electronics, Inc.
Draeger	Mindray	Technical Prospects
Ed Sloan & Assoc.	MW Imaging	TUV Rheinland
Elite Biomedical Services	NCBA (North Carolina Biomed Association)	US Medical Systems
Enthermics	Network Imaging Systems	Varian Medical Systems
EQ2	Northfield Instrument Services	

Golf Returns to Pinehurst

Golf returns for the NCBA at one of the most highly regarded golf venues in America. NCBA Members and guests are invited to participate in the annual NCBA Symposium Golf Tournament on Tuesday, August 23, 2016 from 12:00pm - 4:00pm.

This year the tournament will be played at the Pinehurst Hotel & Resort, Course number 1, located near the Pinehurst Hotel and Convention Center, the site of the 2016 Symposium.

All the team players names and contact numbers must be on the registration form. Group requests are welcome and individual players will be paired based on handicaps. There will be participation gifts for all players as well as awards for the top three teams.

We encourage you to register early due to the limited number of slots. Cost for individuals for the Golf Tournament is \$79.00 with a team of four priced at \$316.00. Your registration will include green fees, cart and range balls.

Golf hole sponsorships are available for \$300.00 and a four member team sponsorship, which includes hole sponsoring, is available for \$450.00.

Further information about the Symposium and the golf event can be found at <http://ncbiomedassoc.com/Symposium.aspx> with registration now open at <https://www.regonline.com/builder/site/Default.aspx?eventid=1820005>. Start planning now for this remarkable opportunity. Questions can be sent to our Golf Coordinator, Michael Bargasser at golf@ncbiomedassoc.com.



The rumor is true! The NCBA will be back at Pinehurst Resort August 23rd-26th, 2016. If you would like to reserve your room in advance see the information below, or simply call 1-855-441-2517. We will see you there!

North Carolina Biomedical Association
NCBA 38th Annual Symposium
Booking ID #54229 Tuesday, August 23-Friday, August 26, 2016

We look forward to welcoming you to Pinehurst! Please take a moment to fill out this reservation form to ensure your accommodations for your upcoming visit. Pinehurst requires that your reservation request form be completed and returned on or before

5:00pm Wednesday, August 3, 2016. Reservation forms received after this date will be processed on a "space-available basis". The special room rate will be available until Wednesday, August 3, 2016 or until the Group block is sold-out, whichever comes first.

Pinehurst consists of a variety of accommodations including the Carolina, Villas (which are considered part of the Carolina), Holly Inn, The Manor and Condominiums. THE RESORT WILL MAKE EVERY EFFORT TO HONOR SPECIFIC ROOM REQUESTS. If your request is not available, the best substitution will be made.

Hotel Reservation Form

SINGLE OCCUPANCY: _____ \$159.00 per guest DOUBLE OCCUPANCY: _____ \$79.50 per guest

(One guest per room) (Two or more guests per room)

DAILY RATES: European Plan LOCATION: Carolina- & Holly Inn-Specific Accommodations

(Please Check Desired Occupancy)

Rates are per guest, per night and include only your accommodations.

Arrival Date _____ Departure Date _____

Check-In Time: 4:00 PM - Check-Out Time: 12:00 NOON

RESORT SERVICE FEE & STATE SALES TAX: For your convenience a 10% resort service fee will be added to your account. Current State sales tax of 6.75% and occupancy tax of 3% are additional. The Resort Service Fee covers the following amenities and services:

in-room high speed internet, unlimited use of the fitness center, bicycles, practice putting greens, pitching areas, driving range, in-coming faxes, afternoon tea in the Carolina, self & valet parking, on-call transportation, outdoor pools and beach club (based on seasonal availability). Package meal gratuities for staff in the dining venues as well as the bell and door staff are also included. For non-package meals and beverages in our resort dining outlets, a separate 18% service charge is added to your account. Housekeeping and transportation staffs do not participate in the resort service fee. Gratuities in addition to the above and for any other resort staff are at your discretion. State and county taxes are subject to change without notice.

DEPOSIT AND CANCELLATION POLICY: A deposit representing one night's rate per guest is charged at the time the reservation is made. Pinehurst must receive notice of any cancellation at least 15 days prior to date of arrival in order to refund a deposit.

Please complete and fax or mail with deposit to: GROUP RESERVATIONS

FAX: 1-910-235-8240 PINEHURST

PHONE: 1-855-441-2517 PO BOX 4000

VILLAGE OF PINEHURST, NC 28374-4000

ROOMS TO BE OCCUPIED BY: (Type or Print all names) (ALL GUESTS WILL BE CHARGED A ONE-NIGHT ROOM DEPOSIT)

Name Address City State Zip

Home Phone (____)_____ Business Phone (____)_____

E-Mail _____

SHARING ROOM WITH

Name Address City State Zip

Home Phone (____)_____ Business Phone (____)_____

E-Mail _____

CREDIT CARD INFORMATION FOR ROOM DEPOSIT(S): Is the Credit Card for both Guests?

_____ Yes or No

Credit Card Name & Number

_____EXP____/_____

Card Holder Name

Card Holder Authorized Signature:

Kevin Scoggin / NCBA Shop of the Year Award

Do you have, or know of a Biomedical Engineering shop worthy of special recognition? In honor of Kevin Scoggin, the North Carolina Biomedical Association (NCBA) is accepting nominations for the new Kevin Scoggin Biomedical Shop Recognition Program.

In each Newsletter, the NCBA Board of Directors will recognize one nominated shop in a feature article that demonstrates some of the special and or unique things that they are doing in an effort to demonstrate and promote the value of the Biomedical profession within their organization.

During the NCBA Symposium Business Luncheon, one shop will be identified as the Kevin Scoggin / NCBA Shop of the Year. As part of this recognition, the NCBA will sponsor a luncheon for the selected shop and feature them in the newsletter following the Symposium.

If you know of a shop deserving of this special recognition named to honor the memory of one of our Honorary Members, Kevin Scoggin, please submit an email about the shop describing why you believe they deserve this special recognition along with a completed nomination form.

Deadline for submission is July 7th, 2016.

Please submit all completed nomination forms to ShopOfTheYear@ncbiomedassoc.com

Interested in Serving on the Board of Directors?

The nominating committee is looking for individuals that are willing to dedicate their time to assist with putting on the NCBA Symposium and furthering the Biomedical profession. The commitment time is 2 years, serving on a wonderful, professional board of directors that are all focused on providing quality training through our symposium and stand alone classes. We do this each year as we try to out perform the pervious year. It just so happens that the 2016 symposium will be held at the Pinehurst Hotel, located in Pinehurst, NC. Every year after the symposium, we have a retreat that prepares us for the next symposium.

If you are interested in being part of this wonderful group of individuals, please contact Susan Trombley at susan.trombley@unchealth.unc.edu for more information. Susan will respond to your email with additional details. These are exciting times and we look forward to those whom would like to serve the NCBA.

Board of Directors

The NCBA board of directors welcomes any comments or suggestions you may have in order that we keep improving the NCBA. Below are the current members of the board who are here to serve you.

President	Glenn Scales, CBET	pres@ncbiomedassoc.com
Vice President	Codi Nelson, CBET	vp@ncbiomedassoc.com
Treasurer	Sally Goebel	treas@ncbiomedassoc.com
Membership Secretary	Terry Morris	memb@ncbiomedassoc.com
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