



# NCBA News

The Newsletter of the  
North Carolina Biomedical Association

VOLUME 32, ISSUE 2

APRIL 2012

## Biomedical Mission in Africa.

Boyd Campbell

### Your 2012 NCBA Leadership

**Alison Lauer** - President

**Tony Bisese** - Vice-President

**Helen Jones** - Recording Secretary

**Steven Comas** - Membership Secretary

**Paul Mundy** - Treasurer

**Chad Granade** - ExOfficio

**Alex Fox**

**Boyd Campbell**

**Dan Harrison**

**Clint McCoy**

**Codi Nelson**

**John Noblitt**

**John Shore**

Non-Board Positions

**Patrick Lynch** - Newsletter Editor

**Jeremy Collins** - Webmaster

**David Wilson**—Golf Coordinator

bodall @ncbiomedassoc.com

I recently had the privilege to return to Togo Africa to spend some time doing biomedical work at a small mission hospital. Some things are the same as performing service in the states, but there are many other challenges that come along that we don't have to face in our "normal" everyday roles as technicians. Luckily I had the advantage of being there last year and had an idea of what types of equipment I would be servicing this time. One of the biggest problems faced in many of the hospitals in third world countries is that the environment is very harsh: not only the external environment but the internal environment of the hospital as well. The average daily highs were 95-100 degrees and the hospital has no air conditioning for any of the patient-care areas. Needless to say all windows and doors remain open at all times. You can imagine under normal conditions the amount of dust that blows through, but the Harmattan was coming to an end. The Harmattan is a dry and dusty West African trade wind. It blows south from the Sahara into the Gulf of Guinea between the end of November and the middle of March. The dust is so thick at times it blocks the sun. Below is a picture of an infant isolette module that was cleaned a year ago and now you can see how much dust it collected within a 1 year period.



At times we may wonder if preventive maintenance is really that important. Below is an example of a high tension cable on an X-Ray unit that had not had any type of PM for 5 years and most likely longer. You will notice the carbon that has built up over the years from the lack of proper maintenance which has cause the cable to arc.



Many times during our careers we find ourselves training staff on the proper use and care of the medical devices that we service. At times we may get a little frustrated. We may even make jokes about those user errors or as someone once called them the ID 10T error (ID10T). Most of the devices that are donated to these facilities do not come with any type of manuals and no in-service instruction as to how to care for them. In

the case of the isolettes, the little vent holes were being used as a place to dispose of syringes. They were not aware that the water used for humidification had to be changed on a routine basis either.



But out of such conditions innovation seems to shine through. In the pictures below the dryer for the film processor works very well on the days that it's not raining even though they do get a little dusty. And the wheelchair frame with the seat can be replaced very inexpensively.





Another aspect of the job is the challenge of performing repairs. This trip I went over with an extra suitcase packed full of parts (many thanks to PartsSource, Metropolitan Medical Services and Samaritans Purse who donated many of the parts needed). But even with some foreknowledge, there are situations that arise that, as biomed, we have to engineer parts or change the intended function on some of the devices being serviced.

This goes against everything that we are taught in school but just like Dorothy said..."we are not in Kansas anymore, Toto". A centrifuge was brought to me that wouldn't spin any longer. After a few minutes of troubleshooting I found that the timer, which also functioned as the on/off switch, was defective. This was the only centrifuge they could use for their hematocrit samples. With nowhere to get parts and this being the only unit, it was time to make some decisions. To make a long story short the switch used for the brake is now the on/off switch and there is no longer a brake on that unit. Or having to put moth balls inside a mobile C-Arm in hopes that it keeps the mice out (keeping my fingers crossed that works) which had already destroyed one unit with mouse urine.

So, do our jobs make a difference? ABSOLUTELY. Without biomed techs the pictures above could be very well what some of our equipment would look like today without the proper care, maintenance and support that we provide. Below is one last picture I took while in the OR. Can you tell what is wrong in this picture???

Hint: Take a close look at the bottle of anesthetic agent on top of the machine.

Boyd Campbell CBET, CRES  
Southeastern Biomedical Associates, Inc



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## THIRTY-THIRD ANNUAL SYMPOSIUM AND EXPOSITION GENERAL MEMBERSHIP MEETING MINUTES

EMBASSY SUITES HOTEL  
CONCORD, NORTH CAROLINA

THURSDAY SEPTEMBER 8, 2011

Call to Order at 11:45am by Chad Granade

Present:

Board members: Chad Granade, Tony Bisese, Alison Lauer, Pat Lynch, John White, Greg Johnson, Codi Nelson, John Shore, Paul Mundy, John Noblitt, Mike McAuliffe, Jeremy Collins, Alan Koreneff

General members: about 125

Absent:

Board member: David Wilson

From the board retreat in January, the basically the day of the symposium, the board is working to make this the best show possible. We do however have room for improvement.

### Newsletter –

One of our biggest challenges continues to be producing a regular newsletter.

We were able to produce one very nice newsletter this year which is actually 100% improvement from the previous year so we are on our way. We do have a commitment to do a better job going forward.

#### New Registration Software –

Trying to find a software program that does great event planning and also great membership management has been a challenge. We used Wild Apricot this year to incorporate registration as well as membership database. The NCBA would like to get the member's feedback.

The Pig is Back Again! And this year he's driving a Muscle Car. Thanks to Alan for a great show. There were 15 cars that participated in the show and one whole hog! Apparently the Pig was so good last night, because we had leftover kegs. The NCBA will be hosting an unscheduled social on the terrace this afternoon beginning at 4pm

Remembrance of Kevin Scoggin – Last week, the NCBA lost one of its own. For those that knew Kevin, they knew a man that was passionate about his family, his faith, his career, and the NCBA. Take some time and quietly honor the man that has given so much of himself. We're going to miss you, Kevin.

Business of the NCBA for 2011

Motion and Approval of 2010 Minutes by the membership

Standing Committee Reports:

Membership Report – Pat Lynch – 211 Vendors, 241 individual members, 49 students, 45 associations

Treasurer's Report – Alison Lauer – Reporting period 9/9/10 to 9/8/11

\$116,727.68 in checking,

\$58,865.08 in CD's

\$25,887.41 in Net Income

Overall, the NCBA has strong finances, but we are aware of past situations that have gotten us into trouble so we have an accountant, KCFC in Lenoir that helps manage QuickBooks Online and completes our taxes.

Educational Report – Tony Bisese – We have lots of great classes this year from the iPad Mobile technologies to Networking to Leadership Principles. The NCBA would like to thank the speakers and vendors who have so graciously volunteered their time to make this year's symposium a success.

New Business: Chad introduced the 2011 Board Members and positions:

President      Chad Granade

Vice President Tony Bisese

Treasurer      Alison Lauer

Membership Secretary	Pat Lynch, CCE, CBET
Recording Secretary	John White
Board Member/Hotel	Greg Johnson, CBET
Board Member / Golf	David Wilson, CBET
Board Member/Vendor	Codi Nelson, CBET
Board Member/Newsletter	Alison Lauer
Board Member / Scholarship	John Shore, CBET
Board Member	Paul Mundy
Board Member	John Noblitt
Board Member	Mike McAuliffe
Webmaster	Jeremy Collins
Ex-Officio	Alan Koreneff, CBET

#### President's Award presented by Chad Granade

Each board member is dedicated to this organization and works incredibly hard to bring this symposium to our members. However this year one board member did in fact stand out. Serving for the first time on the board this year this person definitely went above and beyond the call of duty. Having a heavy hand in almost every aspect of the symposium from the very early save the date calendar magnets, the newsletter, brochure, registration and even collected the money, so if you haven't yet paid, look out. She is a very determined and organized professional and it has been a joy having her on the team. This year's President's award goes to Alison Lauer.

#### Scholarship Awards presented by John Shore

W. Glenn Scales Scholarship – Mark Dutton – Wayne Memorial Hospital

Eddy Whisnant Scholarship – Jeff Carter – Caldwell Community College

Norman "Red" Reeves Scholarship – Charles Gardner – Stanly Community College

The NCBA held a drawing to promote staying at the hotel this year. The winner of the iPad2 is John Gilmour with RadCal, one of our vendors.

#### Election of New Board Members:

Voting and Eligibility of Membership – Paul Mundy discussed the voting process and explained that everyone needs to vote for 6 of the 10 on the ballot. Each year 6 of the 12 board members roll off and new board members are elected. Each term is 2 years.

Reading of Board Nominees – Paul Mundy read brief biographies of the following candidates:

James Tripp, Alex Fox, Clint McCoy, Steven Comas, Helen Jones, Tony Bisese, Paul Mundy, Gordon Radke, Boyd Campbell, and Dan Harrison

Open Floor Nominees – no open floor nominees

## Closing Remarks

I want to remind everyone to save the date for Next years symposium. Due to the Democratic National Convention, Our date has moved to the week following Labor Day which is September 11-14.

Today from 4pm until 7pm - NCBA happy hour to finish off the 2 kegs out on the terrace. This is free for all members.

Chad closed the meeting by thanking everyone for attending and enjoy the rest of the symposium.

Motion to adjourn at 1:05pm.

## **Healthcare Technology Week 2012 to be held May 20-26**

From AAMI ([www.AAMI.org](http://www.AAMI.org))

Healthcare Technology Management Week—a special week honoring clinical engineers, biomedical equipment technicians, and other healthcare technology professionals—has been scheduled for May 20–26, 2012. The annual celebration has become a unifying celebration across the field, with hospitals from coast-to-coast and beyond holding special events to recognize the important work of healthcare technology management professionals.

In 2011 during the special week, AAMI and its Technology Management Council (TMC) held a different event each day—from holding free webinars and distributing free resources, to announcing the winners of several awards.

Just a few of the complimentary resources distributed during the 2011 celebration include a roundtable discussion on alarm safety, which was the lead story in the Spring 2011 issue of *Horizons*; a white paper from the Wi-Fi Alliance that identifies issues to consider when developing and maintaining Wi-Fi networks in hospitals; and this brochure that outlines for the C-Suite the value you offer.

In the coming months AAMI will begin announcing plans for the 2012 celebration, and will distribute complimentary resources to help you participate to the fullest.



## **To the NCBA's Corporate Supporters and Exhibitors**

Codi Nelson, Vendor Coordinator

The NCBA would like to invite you to attend 2012's 34th Annual Symposium. It will once again be at the Embassy Suites in Concord NC (near the Charlotte Motor Speedway). The dates are September 12 through 14. This is one week later than normal because of conflicts with the Democratic National Convention, which bumped us a week. General vendor registration will open on March 1st. This year we will have a slightly different vendor hall layout. The layout will be available on the NCBA website and updated as vendors register and secure their booth locations. **Payment must be accepted before booth location is finalized.** If you have any questions please contact this year's vendor coordinator at [vendor2@ncbiomedassoc.com](mailto:vendor2@ncbiomedassoc.com).

### **CBET, CRES, CLES Exams to be held only in Charlotte on June 5, 2012**

The AAMI Annual Meeting is in Charlotte in 2012. The day after the annual meeting, Charlotte will be the site of the only certification exams for CBET, CRES and CLES. These certifications establish your expertise in the fields of general biomed, radiology equipment repair and laboratory equipment repair. Please visit the AAMI website ([www.AAMI.org](http://www.AAMI.org)) to learn more about certification. You can print a list of the body of knowledge to review the information areas on the exams. This is a great opportunity for NC and SC biomedes to further their professional credentials for a nominal cost.

#### **CBET Certification and Review**

For those of you planning to take the CBET exam in Charlotte on June 5, The North Carolina Biomedical Association (NCBA) is sponsoring a CBET Certification and Review Course to be held at a Duke University Medical Center on May 1-4, 2012. This course has proven to be an excellent preparation course to help prepare you for the exam.

The course will be led by John Noblitt, M.A.Ed., CBET – Biomedical Equipment Technology Program Director, Caldwell Community College and Technical Institute. (CCC&TI)

**The cost for the course is as follows:**

**NCBA Member - \$300**

**NCBA Non Member - \$450**

Lunch will be provided each day during the session.

Registration can be accomplished through April 16, 2012 via the North Carolina Biomedical Association (NCBA) website @ [ncbiomedassoc.com](http://ncbiomedassoc.com)



## NCBA / Kevin Scoggin Biomedical Shop Recognition Program

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 now accepting nominations for the Kevin Scoggin Biomedical Shop Recognition Program.

If you have or 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. **(Self Nominations of your shop are acceptable)**

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.

The submission form can be found at on the NCBA Website.

Please submit all nominations to [bod5@ncbiomedassoc.com](mailto:bod5@ncbiomedassoc.com)



Guess who is going to be at the NCBA booth in September?

# **NCBA / Kevin Scoggin Biomedical Shop Recognition Program**

## **Submission / Nomination Form**

### **General Information**

**Name of NCBA Member Submitting Nomination:**

**Contact Telephone Number:**

**Email Address:**

### **Shop Specific Information**

**Facility Name:**

**Department Name:**

**Biomedical Shop Manager:**

**Name of assigned staff (if known):**

### **Nomination Specific Details**

**Please detail below why you believe this shop / manager are deserving of recognition?**

Please submit all nominations to [bod5@ncbiomedassoc.com](mailto:bod5@ncbiomedassoc.com)

All submissions will be reviewed by the NCBA Board of Directors. The Board will vote on and select the winner from the submitted nominations at the NCBA Board of Directors Meeting.

# AAMI 2012 Conference & Expo

Come to the premier conference for biomedical equipment technicians, clinical engineers, and other healthcare technology management professionals. Learn about new technologies and techniques to improve patient safety and productivity, get an update on Joint Commission requirements, and get a first-hand look at the latest medical devices.

For details, visit [www.aami.org/ac](http://www.aami.org/ac).

**AAMI2012**  
Conference & Expo  
June 2–4, Charlotte, NC







# Introducing the **game changers**

## Introducing the game changers in patient monitor testing.

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### **Proposed Change to NCBA By-Laws**

The board of directors would like to propose a change of Article IV, Section 13 of the NCBA By-Laws. The board must give the general membership at least 30 days notice before the vote. The vote will take place at the general membership assembly at the 2012 NCBA Symposium on Thursday, September 13, 2012.

Currently, Section 13 reads: "Elections will be held annually at the regularly scheduled general membership meeting. Those elected will assume office the following January 1<sup>st</sup>."

Proposed change will read, "Elections will be held annually at the regularly scheduled general membership meeting. Those elected will assume office the next board meeting after the annual general membership meeting."

The reason for this change is because 2 years ago, the annual symposium was moved from December to September. Newly elected officers should begin their term immediately as the new board will be responsible for planning the next symposium as well as other future events. In addition, the NCBA recently renewed the agreement with the Embassy Suites in Concord to continue to hold the annual symposium at the Embassy in September for the next 3 years through 2015.

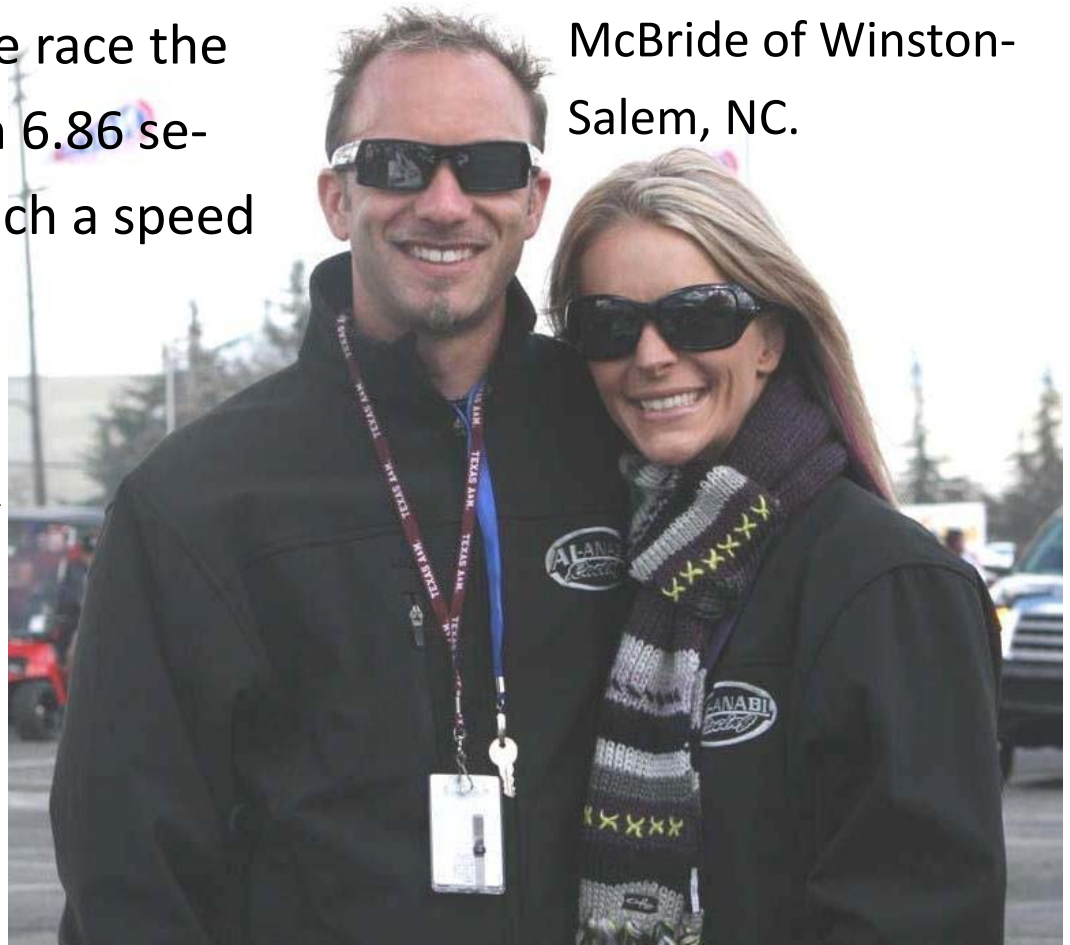


Yessir, the NCBA has arranged for a motorcycle drag racing couple to be in the NCBA booth. Angie (McBride) Smith and her husband Matt will be in the NCBA Booth **ALONG WITH THEIR BIKES** to meet fans and sign autographs. Come see these monster machines close up. To learn more about this daredevil duo and their monster machines, visit their website at [www.mattsmithracing.com](http://www.mattsmithracing.com).

Matt and Angie race the quarter mile in 6.86 seconds, and reach a speed of 195 mph.

Angie is the daughter of the NCBA's own Ronnie McBride of Winston-Salem, NC.

Matt is the 2007 ProStock Motorcycle Champion.





## 2012 NCBA Board Meetings

Board meetings will generally be scheduled for the second Friday of each month at 10am to 3pm with the exception of April because of Spring Break times and August because of upcoming symposium. Most meetings will be in person as conference calls are not as productive. There is only one scheduled conference call meeting in June as a result of AAMI being the week prior. Please visit the website for up-to-date locations..

January 13 – Novant Logistics Center – Conference Rm D

February 10—Embassy Suites, Concord

March 9—UNC-Chapel Hill

April 20– Caldwell Community College

May 11—WakeMed, Raleigh

June 8 – Conference Call

July 13—WakeMed, Raleigh

August 17—Embassy Suites—Concord

September 11-14 – 2012 Symposium – (Board Meeting after elections on Sept 14)

October 12—???

November 9-10 – Board Retreat – Location TBD

NCBA Members are invited to all Board Meetings. Prior notice is required.

## Next Newsletter

The NCBA News is published 6 times per year. The next one is scheduled to be emailed on **June 9, 2012**. one month after the May Board Meeting. Please send to the editor any articles that you wish published or news to be included. The NCBA News wants to include educational and informative information, not just NCBA operational news, although that is of interest to our members, also.

Pat Lynch

[Editor@ncbiomedassoc.com](mailto:Editor@ncbiomedassoc.com)



# AAMI 2012

Conference & Expo  
June 2–4, Charlotte, NC

## Complimentary Expo Pass (a \$55 value), compliments of:

### North Carolina Biomedical Association (NCBA)

**This pass entitles you** to a free 3-day Expo Plus registration\* for the AAMI 2012 Expo, June 2–4, 2012, in Charlotte, North Carolina — your one-stop source for information about the latest advances in medical technology.

Come and discover a wide range of new products and services from more than 175 leading medical device manufacturers and service providers, and much more.

Here's what this FREE Expo Pass enables you to attend:

#### SATURDAY, JUNE 2

- 8:00 am – 5:00 pm Career Center Open
- 12:30 pm – 1:30 pm Keynote Session:  
Convergent Technologies —  
How They Can Improve Healthcare  
Daniel Kraft, MD, MBA, FACEP  
Founder & CEO, IntelliMedicine
- 4:30 pm – 7:00 pm Expo Hall Open  
(Grand Opening Reception  
co-sponsored by First Call Parts,  
Masimo, Netech Corporation,  
SONODEPOT, Inc., and others)

- 5:00 pm – 6:50 pm Product Showcases in Expo Hall

#### SUNDAY, JUNE 3

- 8:00 am – 5:00 pm Career Center Open
- 3:45 pm – 7:00 pm Expo Hall Open (Happy Hour,  
sponsored by ARAMARK Clinical  
Technology Services)
- 4:00 pm – 6:50 pm Product Showcases in Expo Hall

#### MONDAY, JUNE 4

- 8:00 am – Noon Career Center Open
- 8:30 am – 9:30 am General Session:  
Striving for Excellence in Healthcare  
Robert L. Jesse, MD, PhD  
Principal Deputy Under Secretary for  
Health, Veterans Health Administration
- 11:00 am – 2:30 pm Expo Hall Open
- 11:30 am – 2:20 pm Product Showcases in Expo Hall

For full descriptions of the exhibitors, product showcases, and lectures, visit [www.aami.org/express](http://www.aami.org/express).

\*Expo Plus registration does not include admission to symposia, educational sessions, or the awards luncheon. For details on how to register for the full conference, visit [www.aami.org/ac](http://www.aami.org/ac).

# AAMI2012

Conference & Expo  
June 2–4, Charlotte, NC

## HOW TO REGISTER

Pre-register by May 11, 2012\* via one of the following:

- 1) Register online at [www.aami.org/express](http://www.aami.org/express)
- 2) Call 800-373-3174 and mention coupon code EXFM
- 3) Mail or fax this completed form to the address or number below

\*If you can't pre-register by May 11, bring this completed form with you to the AAMI Onsite Registration Desk in the Hall C Concourse of the Charlotte Convention Center. Registration opens June 2 at 7:00am.

## REGISTRANT INFORMATION

Name \_\_\_\_\_

Title/Department \_\_\_\_\_

Organization \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Country (if other than USA) \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

Email \_\_\_\_\_

## REGISTRANT PROFILE

### 1. I work for a (check one box only):

- |  |   |
|--|---|
| <input type="checkbox"/> Hospital (non-profit) | <input type="checkbox"/> Dialysis Center                  |
| <input type="checkbox"/> Hospital (for profit) | <input type="checkbox"/> Independent Service Organization |
| <input type="checkbox"/> Manufacturer          | <input type="checkbox"/> Consultant                       |
| <input type="checkbox"/> Government Agency     | <input type="checkbox"/> Other _____                      |
| <input type="checkbox"/> College or University |   |

### 2. Job Function (check one box only):

- |  |  |
|--|--|
| <input type="checkbox"/> Asset Manager                   | <input type="checkbox"/> Consultant                          |
| <input type="checkbox"/> Biomedical Equipment Technician | <input type="checkbox"/> Imaging Equipment Specialist        |
| <input type="checkbox"/> Biomedical Engineer             | <input type="checkbox"/> Information Systems / IT Specialist |
| <input type="checkbox"/> Biomed/CE Department Manager    | <input type="checkbox"/> Nurse                               |
| <input type="checkbox"/> Clinical Engineer               | <input type="checkbox"/> Physician / Surgeon                 |
| <input type="checkbox"/> Administration                  | <input type="checkbox"/> Quality Assurance                   |
| <input type="checkbox"/> CEO / President / Exec Director | <input type="checkbox"/> Other _____                         |

### 3. I am currently involved, directly or indirectly, in annual medical-device purchases of (check one box only):

- |  |  |
|--|--|
| <input type="checkbox"/> Less than \$10,000    | <input type="checkbox"/> \$200,001 – \$500,000     |
| <input type="checkbox"/> \$10,001 – \$50,000   | <input type="checkbox"/> \$500,001 – 1,000,000     |
| <input type="checkbox"/> \$50,001 – \$100,000  | <input type="checkbox"/> \$1,000,001 – \$2,000,000 |
| <input type="checkbox"/> \$100,001 – \$150,000 | <input type="checkbox"/> Over \$2,000,000          |
| <input type="checkbox"/> \$150,001 – \$200,000 |  |

## REGISTRATION TYPE

- ✓ Complimentary Expo Plus Registration  
Includes Exhibits, Product Showcases, and the Career Center for all three days, plus the Keynote Session and the General Session (a \$55 value) at no charge.

### Fax or Mail this form to:

AAMI 2012 Registrar  
PO Box 0211  
Annapolis Junction, MD 20701-0211  
Phone: 800-373-3174; Fax: 301-206-9789

EXFM