



INTERFACE

SOCIETY FOR TECHNOLOGY IN ANESTHESIA

2 Summit Park Drive, Suite 140, Cleveland, Ohio 44131

E-Mail: STAhq@anestech.org

Tel: (216) 447-7864

Fax: (216) 642-1127

December 2005

Board of Directors 2006 - - Candidate Statements

STA President Candidate

Kirk Shelley, MD PhD

It is my pleasure and honor to be running for STA president. Prior presidents of our society represent a "who's who" of anesthesia technology. Our organization has changed from its earliest days and continues to need to evolve to fit the needs of our members and the anesthesia community. It is important that the "old guard" continue to recognize the need to recruit new membership in order to revitalize our core missions of technical education and research. As the chairman of the research committee it has been my privilege to interact with the researchers of our society. They are an extraordinary group of individuals. Their desire to make a difference is almost palatable from the young enthusiastic residents, with their first abstract, to the seasoned focused researcher working year after year towards a goal that's difficult to achieve. The need for a society like ours is greater than ever with the increasing role of technology in the practice of anesthesiology. I believe we are on the verge of a remarkable era of research with the final outcome being the automation of anesthetic care. I expect our society not only to be present for such an evolution but to lead the way.

STA President Candidate

Michael W. Jopling, MD

I have enjoyed participating in STA, Computers in Anesthesia, and other "STA-like" activities for over 20 years. I have attended every official STA function since 1996. I was an at-large STA Board Member 1998-2000, program chairman of the successful 2002 annual meeting in San Jose, as well as a member of several other STA committees along the way. Outside of STA I have been in full-time academic anesthesiology for 14 years prior to 1998 and since then have served as department chairman of a busy community hospital in Columbus, Ohio. I have and continue to actively consult with a number of pharmaceutical and medical device companies across the

continuum of development, obtained patents, and sit on a venture capital advisory board. I actively perform research in both the clinical and laboratory setting with pharmaceutical trials and a wide variety of medical devices. My professional and business contacts have been enhanced through participation in STA activities.

STA is at an important new crossroad. The spin-off of the large number of members primarily associated with the simulation society now beckons our society to reevaluate its direction. Our society must successfully encourage wider membership – especially participation from industry. The industry-physician collaboration that was present previously at our meetings unfortunately is not on the same scale we once enjoyed. Many of our society members desire an increase in industrial collaboration. We must find ways to create more value for our membership dollar – even for the individual whom cannot regularly attend our meetings. By successfully increasing our value to members, we will witness growth in membership. We must cultivate each and every member to find an active role in our society. We must grow into new technologies outside our current medical monitoring / computer / information technology base. New technology is not something that becomes obsolete but continually changes – this is the spirit that we must harness and ride into our future. We must find ways to expand the impact of our society to become a real component society of the *American Society of Anesthesiologists* through educational endeavors. We need to find innovative ways to bring web technology more to the forefront of our organizations operations.

I am honored that the nomination committee has considered me for this important position and I would appreciate your vote in the upcoming election. If elected, I pledge to the best of my abilities to consistently work toward our society goals. I will reach toward significant progress on industry participation, membership, and membership value. I will work on initiatives for technology education, improved web presence, and methods for web collaboration for our membership.

INSIDE THIS ISSUE

1 Candidate Statements 3 Beverlee Anderson 4 Contact Us

Visit our World Wide Web site: <http://www.anestech.org>

Board of Directors 2006 - - Candidate Statements - Continued

STA Secretary Candidate

Peter Lichtenthal, MD

Although I was born in Belfast, North Ireland, I grew up in White Plains, New York. I received my B.A. from the University of Vermont and went to medical school at New York Medical College. After a rotating internship at Hartford Hospital, I was a resident in anesthesia at the Peter Bent Brigham Hospital. Following residency, I spent a year doing a cardiac research fellowship at the Harvard Medical School. After fellowship, I served in the United States Navy stationed at Bethesda Naval Hospital.

Following service, I worked for Northwestern University Hospital for 21 years before moving to Tucson five years ago. My research interests have been in the drug and device areas. Since moving to Tucson, I have become active in STA. At present I am responsible for Corporate Membership and Exhibits at the annual meeting. I hope to more actively participate in STA activities in the future.

STA Secretary Candidate

John Doyle, MD PhD FRCP

I joined STA when it was first started during my time as a resident. After my membership lapsed I rejoined as part of Charlotte Bell's successful membership drive (she can be so very persuasive!). My involvement in anesthesia technology goes back more than two decades, starting even before I received my PhD in biomedical engineering in 1986. Looking over the years, I consider myself to be lucky to be involved in so interesting a field and to have had an opportunity to observe the successful evolution of anesthesia technology over time. (Sometimes my residents express disbelief that I once gave anesthetics without pulse oximetry, capnography or spirometry!).

I am of the belief that STA has a unique opportunity to provide positive direction in anesthesia technology, serving both as an educational resource and as a leadership resource. I am particularly enthusiastic about the extraordinary possibilities that the Web offers to provide high-quality information on anesthesia technology.

As chairman of the education committee I developed a "virtual office" web site for the education committee at <http://staeducation.homestead.com/>. In addition to committee notes, several draft PowerPoint slidesets have been posted there for possible future development into formal STA educational products (*Introduction to the Anesthesia Machine, Patient Controlled Analgesia Safety Issues, A Critique of Anesthesia Technology*).

I am honored to be considered for the position of STA secretary. I am confident that I would be successful in that capacity, having served in similar capacities in other societies in the past. I would also be interested in exploring the idea of developing a resource similar to that I developed for the education committee (a "virtual secretariat") for use by the STA leadership.

STA Industry at Large Candidate

George Hutchinson, PhD

While my dedication to medical technology engineering was cemented as early as high school, I can trace my focus on anesthesia to one day in 1988. On my third day as a new engineer in product development at Marquette Electronics, I went to MGH and met Dr. Nat Sims. Trailing behind him in the corridors, I had to work to keep up as he took a sudden detour and into a large room that looked more like a dark museum than a bright hospital. It took a moment but I realized that I was in the Ether Dome, just like it looked in the pictures in my college text books. It was a goose bump moment that, 17 years later, still provides me with enthusiasm to be part of the progress in this field.

STA is the most significant conference of the year for me in my role in research and development at GE Healthcare. Any long time attendee of STA knows that this conference is unique in its collaborative nature between industry developers and medical thought leaders. What is the practical result of this? In my experience, this has resulted in cooperative research projects and product development directly benefiting tens of thousands of patients and caregivers daily.

My view of product development is "vision with pragmatism." The STA environment directly supports the opportunity for this. This mission of STA is critical and it would be a privilege to safeguard it and expand the opportunities for the community. We've got to get reliable, significant products and services in the hands of clinicians to make meaningful differences for patients' well-being and caregivers' satisfaction.

Years ago, I worked on the introduction of the first CO₂ module in a Marquette patient monitor. The ideas of patient safety have advanced far beyond this building block. There are many more systemic challenges in anesthesia and critical care and STA is the best vehicle to encourage practical, widely available solutions. I'd like to be part of this solution.

Candidate for Industry At Large

Robert Evans, DO

Initially a Respiratory Therapist working in Anesthesia at Cook County Hospital in Chicago, my interest in anesthesia equipment piqued while developing a jet ventilator for micro-laryngeal surgery. This later re-emerged in laboratory studies on high-frequency and cardiac-cycled jet ventilation during residency at Duke after graduating from CCOM (now Midwestern University) in Chicago. While there I was privileged to use the first networked system of computerized records, DAME (Duke Anesthesia Monitoring Equipment) and became interested in developing ways to digitally detect what drugs are being administered for automated input to the computer. This later became the basis for DocuSys, an anesthesia information system that incorporates drug management and automated

(Evans'-cont. on page 4)

***“Ode to Beverlee”* On the Eve of her Retirement from the STA - January 14, 2005**



Beverlee Anderson retires today,
As the director of the STA.
But before she leaves here we want her to know,
How much we will miss her after she goes.

If you came to the Board meeting, Bev gave you one book,
Don't think about losing it – you'll for sure get 'the look',
She's bossy, it's true – we need her that way!
How else could we finish in only one day?

We may not ever find someone we know,
As well-rounded and smart as this one-woman show.
She's been our mentor, our planner, our friend.
But her time here has sadly come to an end.

Now she can join Bill--her Renaissance Man,
In literature and art, or whatever she plans.
But before she starts dabbling we want Beverlee,
To have something that we know is up her alley!

-Caitlin Loeffler and Charlotte Bell



Hard at Work

Board of Directors

President	Charlotte Bell charlotte.bell@med.nyu.edu
President Elect	Julian Goldman julian@acmeanesthesia.org
Secretary	Bosseau Murray wbmurray@psu.edu
Treasurer	David Feinstein dfeinste@caregroup.harvard.edu
Immediate Past President	Jeff Feldman feldman@comcast.net
Member at large	Sem Lempotang sem@anest4.anest.ufl.edu
Member at large Industry	Heidi Hughes heidi.hughes@andros.com
Member at large Industry	Mike Petterson mpetters@masimo.com
A & A Section Editor	Steve Barker sjbarker@U.Arizona.edu

STA Education Committee Virtual Office

STA Education Committee is pleased to announce the launching of the STA Education Committee Virtual Office, with an online presence at

<http://staeducation.homestead.com>

At our virtual office you will find the following documents:

COMMITTEE MEMBERSHIP
COMMITTEE NOTES
CURRICULUM PROJECT NOTES
INTERESTING PAPERS

In addition, we have posted some draft PowerPoint teaching files for critical review. These are:

Introduction to the Anesthesia Machine
Patient Controlled Analgesia Safety Issues
A critique of Anesthesia Technology

All STA members are invited to make suggestions and comments to help improve this concept. We are particularly interested in getting constructive feedback regarding the PowerPoint teaching files.

Respectfully Submitted,

D.John Doyle MD PhD FRCPC
Chairman, Education Committee, STA
Email: djdoyle@hotmail.com

(‘Evans’ cont. from page 2)

documentation of which I am a co-founder. After joining the Duke faculty briefly, I was invited to help start a new residency training program at the University of South Alabama in Mobile. Leaving academics several years later, I joined and later became one of the Board of Directors of Anesthesia Services, P.C. as well as the Clinical Director for one of the hospitals served by the practice.

Over the years I have enjoyed many contacts with developers of medical devices and products from breathing systems to disposable devices. I have also learned the challenges of practice and surgery schedule management; having lived in academics, private practice, and the corporate world offers interesting perspectives. The growth and development of medical equipment must have clinical insight and input or the result too often is a product or service that misses the mark. As Corporate Liaison for STA, I would be privileged to serve this community any way I can.

L E T U S H E A R
F R O M Y O U !

The Editor, Interface

OR

Send Email to:

Jsocik@med.umich.edu

What professional news would you like to share? Please let us know about your job description, new degrees, promotions, research, teaching, awards, etc. We are also interested in news about your life away from work: your family life, organizations you belong to, hobbies, travel adventures, etc.

Please include your current address as well as your day and evening phone numbers.

All correspondence should be addressed to:

The Editor, Interface

Editor:

James S. Szocik, MD
University of Michigan Health System
1500 E. Medical Center Drive, UH1H247
Ann Arbor, MI 48109-0048

The Society

The Society for Technology in Anesthesia is an international organization of approximately 175 physicians, engineers, students and others with an interest in anesthesia-related technologies. Membership is open to all who are interested. The journal, *Anesthesia & Analgesia* is STA's official publication. An intermittent newsletter, Interface, is published and available on-line.