

■ A message from the MDG president



It has been both an honor and a pleasure serving all of you through the years. I have been actively involved with MDG for five years and have seen this organization grow and prosper. For the last two years I served as president. Previously, I was vice president for two years and prior to that a board member and a co-chair of programs. When I joined MDG the organization had fewer than 50 members, two in-kind sponsors and our meetings were held at Silicon Valley Bank and Pizzeria Uno. It has been exciting to watch this organization grow. Today MDG has more than 450 members and 15 sponsors. We now have two educational sponsors that will bring additional specialty programs and workshops to MDG's offering in the future. Personally, the last two years have been the best two years of my life and also two of the most challenging, with the birth of my son, my move, my mom's illness and being the president of MDG. However, I wouldn't change these last two years for anything and feel truly blessed to have had the opportunity to work so closely with so many great individuals.

I want to thank the many hardworking volunteers that make MDG the organization that it is today. We have a strong dedicated board, committed officers and several relentless committee chairs that have really made MDG quite a unique organization. I also want to thank Patti McKittrick and Judy Isaacson for their hard work and support. MDG's rapid growth allowed us to engage the support of these two paid professionals on a part-time basis.

There are many organizations and events where you can spend your time and money. However, I believe that MDG is an excellent value and one of the best places that you can attend to both enhance your knowledge on relevant medical and device industry topics and also build a professional network. Thanks to the financial support and assistance of our sponsors, MDG has been able to keep our events affordable and our rich program content has filled the chairs to capacity or near capacity at each event. I have enjoyed talking with many members and speakers and want to thank you for your past contributions and attendance and urge others to get involved.

Although my presidential term is ending, I will continue to stay active with MDG in a Board of Directors' role working closely with the sponsorship committee. In the future, I will do whatever I can to help MDG continue to grow. I am always happy to share my knowledge and experience with the organization. I wish Ed Berger the very best in his new role as president and know that this organization will continue to thrive under his leadership. MDG has a very bright future and our events continue to grow. MDG is the place to be.

Lisa Sasso

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■ Upcoming Events

June 17 Networking: *Top 10 Things for an MDG Member to Know About IP Portfolios*

Chris Stamos of Goodwin Proctor will address the different types of intellectual property, how they overlap, how you can obtain a patent on your invention and still be sued for patent infringement, etc. As with all MDG networking events, there will be plenty of time for questions and answers.

July 29 Educational Series: *Wireless Devices in the Healthcare industry*

Join us for an exciting AVNET Educational Series/MDG Event to be held at Foley Hoag's Emerging Enterprise Center with speakers from the leading edge end-users at Partners Healthcare/Mass General Hospital, and the executive director of the premier industry standards setting group, Continua Health Alliance (numerous major manufacturers of technology products and platforms). This event promises to be sold out, so plan to sign-up as soon as you receive the email with details.

July 15 Networking: *Risk-Based Product Development: An Emerging Paradigm for Design, Validation & Manufacturing*

Aug 19 Networking: *Transitioning to a Career in the Medical Device Industry*

MDG cares about helping people. This annual networking event drew more than 90 attendees last year and focused on recruiters' tips and advice. This year, we would like to have a panel with stories of how current MDG members transferred in. If you want to be involved or have your personal story considered please send an email and resume to lisasasso@comcast.net.



Why devices fail and what you need to do to prevent this from happening

June 3, 2009

Emerging Enterprise Center at Foley Hoag

■ Program Description

A successful medical device development process must meet many criteria, perhaps the most critical being reliability. The varied engineering disciplines that enter into the device development process necessarily use different methodologies to attempt to ensure that each one's contribution to the process maximizes the reliability of that component or subsystem. Three experienced engineering professionals with different perspectives will discuss questions such as:

- When should failure analyses begin?
- How can information from past development processes be incorporated?
- How many different failure analysis methods should be used?
- How does one acquire probability data for failure analysis methods?
- How should failure analyses for different subsystems be combined?

■ Moderator

Tony Raymond, President and Consultant, New Harbor SQA, North Andover, Mass.

■ Speakers

Paul Nickelsberg, President and CTO, Orchid Technologies, Maynard, Mass.

Chase Sebor, Founder & Partner, Venture Technologies, North Billerica, Mass.

Brian Stonecipher, Principal, Human Factors, Continuum, Newton, Mass.

■ June Event Champion

Howard Guthermann, Principal, DJR Technology Associates, Newton, Mass.

■ Agenda

5:30	Registration, informal networking, buffet dinner
6:15	President's address and MDG announcements
6:30	Moderator's introduction of panelists
6:45	Panelist presentations
7:30	Q&A
8:15	Adjourn

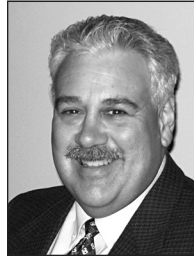
■ MDG Mission

MDG's Mission is to contribute to the continuing development of medical devices and other medical technologies by enhancing the professional development of its members, fostering and supporting entrepreneurial thinking, serving as a forum for exploration of new business opportunities, and promoting best practices in enterprise management.

Please pre-register for MDG events.
For more information, visit www.MedDevGroup.org.

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■ **Biographies**



Tony Raymond

Tony Raymond, president and senior consultant, is the founder of New Harbor SQA, which provides consulting and management to help companies verify product design and test software at virtually every stage of the development lifecycle. From analyzing requirements and developing comprehensive test plans, to code reviews, testing, compliance audits, and documentation, New Harbor covers the full spectrum of medical device product development and helps its clients comply with FDA/EU regulations. Mr. Raymond has led efforts in software and hardware testing, program management, quality assurance, complex system integration, customer satisfaction, supplier management and software development. He holds a B.S. in electrical engineering from Worcester Polytechnic Institute and has done post graduate study in business management and executive leadership at WPI, Northeastern University and Babson College. He is an ASQ certified manager of quality and organizational excellence. In 2008 Mr. Raymond received The Boston Society Award from the Boston Section for demonstrated meritorious and most distinguished achievement in promoting the quality principles, and for exemplifying the ideals of the quality profession.



Paul Nickelsberg

Paul Nickelsberg is president and chief technical officer at Orchid Technologies Engineering and Consulting, Inc., an electronic product development engineering firm with strengths in medical product design, instrumentation design, power system design, industrial product development, high end computing design, networking and telecommunications. Mr. Nickelsberg has substantial experience as a technical innovator and problem solver. Mr. Nickelsberg has participated in the design of medical products in the areas of cardiology, video imaging, X-ray imaging, MRI imaging, fluoroscopic drug discovery, forced hot air patient warming devices and urology. Mr. Nickelsberg holds a number of U.S. patents in electronic instrumentation design. Prior to Orchid, Mr. Nickelsberg worked for BB&N Communications Inc., and Digital Equipment Corp. Mr. Nickelsberg also taught courses at MIT's Lowell Institute. He earned his B.S. in electrical engineering from Union College in Schenectady, N.Y.



Chase Sebor

Chase Sebor has been an embedded software design engineer and manager since receiving his MS in computer systems in 1977. With his two partners, in 1984 he co-founded the product development firm of Venture Technologies Inc., which he still leads. Mr. Sebor has developed software solutions in assembly language and C language for many 4-bit, 8-bit, 16-bit, and 32-bit microcontrollers, including those from Intel, Motorola, National Semiconductor, Microchip, Texas Instruments, Sanyo, Siemens, and NEC, along with many PC-compatible applications. In recent years, Mr. Sebor has spent increasingly more time managing people and projects, providing systems architecture design, direction and standards.



Brian Stonecipher

Brian Stonecipher is a human factors engineer who understands how people use products. He applies the knowledge of human capabilities and limitations to product design, ensuring that new products are not only effective, comfortable, and safe, but fit appropriately into people's lives. He has worked on dozens of health and medical related projects since joining Continuum in 2004. His ethnographic and applied task research helps him show clients how to provide better, more ergonomically sound and user-friendly experiences for patients and consumers through design thinking and evaluation. Mr. Stonecipher has graduate degrees in human factors engineering from the University of Nebraska and in user-centered product design from the Institute of Design at Illinois Institute of Technology.

■ **MDG Officers, 2008-2009**

President	Lisa Sasso	lsasso@meddevgroup.org
Vice President	Ed Berger	eberger@meddevgroup.org
Secretary	Dick O'Brien	robrien@meddevgroup.org
Treasurer	Jim Goell	jgoell@meddevgroup.org

■ **MDG Board of Directors, 2008-2009**

Board Member	Barbara Bix	bbix@meddevgroup.org
Board Member	Joyce College	jcollege@meddevgroup.org
Board Member	Ralph Grabowski	rgrabowski@meddevgroup.org
Board Member	Michael Gram	mgram@meddevgroup.org
Board Member	Jerry Shapiro	jshapiro@meddevgroup.org
Board Member	Marty Sklar	msklar@meddevgroup.org
Board Member	John Wlassich	jwlassich@meddevgroup.org

■ **MDG Committee Chairs, 2008-2009**

Programming	Olga Taylor	otaylor@meddevgroup.org
Networking	Bob Ezzell	bezzell@meddevgroup.org
Membership	Brian Shoemaker	bshoemaker@meddevgroup.org
Marketing	Judy Isaacson	jisaacson@meddevgroup.org
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Outsourcing SIG	Kevin Pelletier	kpelletier@meddevgroup.org
Outsourcing SIG	Michael Aprea	maprea@meddevgroup.org
Corresponding Secretary	Bruce Horwitz	bhorwitz@meddevgroup.org

■ **MDG Volunteers, 2008-2009**

Sherry Alpert, MDG Member News	Lee Jones, MDG Marketing and Operations
Suzanne d'Amonville, Marketing/PR	Charlie Sweet, Operations
Olivier Giuliani, Website Calendar	Jim Vellenga, Operations

We are always looking for volunteers to help make our forums and networking events more successful. Please email the chairperson above if you would like to become involved with MDG.

■ **MDG Alliance Partners**

128 Innovation Capital Group	www.128icg.com
Babson Life Sciences Club	www.babson-biotech.org
Beacon Alliance	www.beaconalliance.org
C-Net Boston (IEEE Consultants Network)	www.boston-consult.com
E-Net Boston (IEEE Entrepreneurs Network)	www.boston-enet.org
Medical Product Outsourcing	www.mpo-mag.com
Merrimack Valley Venture Forum	www.mvvf.org
MIT Enterprise Forum	www.mitforumcambridge.org
North Shore Technology Council	www.nstc.org
WPI Venture Forum	www.wpiventureforum.org