

Society of Women Engineers
Chicago Regional Section

Professional Development
Conference



March 20, 2004
Abbott Laboratories
Abbott Park, IL

Explore New Horizons in your personal, professional and technical life with the Society of Women Engineers—Chicago Regional Section's 2004 Professional Development Conference.

When: Saturday, March 20, 2004
9:00 am - 4:00 pm

Where: Abbott Laboratories, Abbott Park, IL

Dress: Business Casual

Lunch is included, thanks to Abbott Laboratories. This will be a great opportunity to network with others exploring new horizons in their life.

For More Information:

Visit our website: <http://www.swe.org/chicago>

Call SWE voice mail system: (312) 409-1978

Email: swechicago@yahoo.com

Three Easy Ways to Register:

(Register by March 8 for discounted registration fees)

Online: <http://www.swe.org/chicago> using our PayPal setup

Mail: Send your registration form and check to:

Society of Women Engineers

c/o Rebecca Miller

P.O. Box 95525

Palatine, IL 60095-0525

The conference runs from 9:00 until 4:00. Aside from our Keynote address and Closing speaker, the sessions are 1 hour long and are geared toward a Professional track, Personal track or a Technical track. The day of the conference, mix and match any of the sessions that interest you. The sessions are marked as follows:

 Professional  Technical  Personal

Along with the normal sessions, this year we will be providing resume critiquing throughout the day. Julissa Sirchis is an experienced consultant in career management and outplacement services. She will meet with individuals to review their existing resume in order to provide them with tips on making their resume stand out, as well as alerting individuals of the most common resume mistakes. Please bring a printed copy of your resume for review.

8:15 - 9:00 AM: Registration starts

Register in advance. Arrive early so you can get a morning coffee or tea along with your registration material and badge before 9:00 a.m. when Missy Cummings kicks off the meeting with the keynote address.

9:00 - 10:15 Keynote: Achieving Is All About Believing

Missy Cummings, currently the Boeing Assistant Professor at MIT, will discuss her career progression from a small town southern belle to the military warrior ranks as one of the U.S. Navy's first female fighter pilots, and how this amazing experience led to a career as an engineering professor. She will emphasize her lessons learned and how they apply to careers in engineering, and will conclude with a discussion of how every individual can achieve their true potential.

Mary (Missy) Cummings received her B.S. in Mathematics from the United States Naval Academy in 1988, her M.S. in Space Systems Engineering from the Naval Postgraduate School in 1994, and her Ph.D. in Systems Engineering from the University of Virginia in 2003. A naval officer and military pilot from 1988-1999, she was one of the Navy's first female fighter pilots. She is currently the Boeing Assistant Professor in the Aeronautics & Astronautics Department at the Massachusetts Institute of Technology. Her previous teaching experience includes instructing for the U.S. Navy at Pennsylvania State University and as an assistant professor for the Virginia Tech Engineering Fundamentals Division. Her research interests include supervisory control, human interaction with autonomous vehicle systems, humans and automation, decision support, human-computer interaction, and the ethical and social impact of technology.

Session 1: 10:30 - 11:30

P Do I really need an MBA? And, what do I have to do to get one?!

Learn more about the business knowledge and skills gained through an MBA program. Understand how an MBA program can help round out your engineering and technical expertise and positively impact your career. Get an inside perspective on Chicago area MBA programs, admissions requirements and process, as well as what it takes to succeed in an MBA program. This session will be lead by Kristin Kraai-Keely, Lake Forest Graduate School of Management Director of Admissions. Kristin serves as Chairman of the Board for the REACH organization-a consortium of schools in the Chicago area.

T LITENING II Targeting Pod

The presentation will cover the Northrop Grumman Corporation's LITENING Targeting Pod. The LITENING pod is an on-aircraft targeting system that incorporates a Laser designator, a Forward-Looking Infrared (FLIR) camera and a video camera to enable pilots to positively ID and destroy their target. There will be a brief system description and theory of operation segment followed by a summary of the Pods use in Operation Enduring Freedom and Operation Iraqi Freedom. Craig Boyd currently works at Northrop Grumman Corporation as the Logistics Program Manager for the LITENING Program. Craig has a B.S. in General Engineering from the University of Illinois and a Masters of Management from Kellogg School of Management, Northwestern University.

R Plan For Your Future – Focus on Today

Wherever you are in life; whatever your goals happen to be; a disciplined financial plan can help you prioritize and achieve your most important personal and financial goals. In this session you will learn about: Determining your retirement planning needs, Education funding for children or grandchildren, Estate planning objectives, and Allocation of assets. Frank Oddo is an Investment Management Consultant for UBS Financial Services. He worked for four years as a Financial Advisor and 20 years as an Interest Rate Arbitrage Trader. Frank has a Masters of Science Econometrics and a B.A in Economics and sociology.

11:30 - 1:00 Lunch sponsored by Abbott Laboratories



Session 2: 1:00 - 2:00

P **Network to Your (and its!) Full Potential**

The art and science of networking is becoming trivialized by misunderstanding and overuse of the word. Lillian D. Bjorseth will assuage any thoughts you have about its trivialities as she shares the depth, intricacies and power of this most effective relationship-building tool for career and business success. She'll talk about preparation and practice and how working the event is the icing on the cake. Find out if you've done your homework adequately! Lillian is president of Duoforce Enterprises, Inc., a people-skills speaking and training company based in Lisle IL. She is author of *Breakthrough Networking: Building Relationships That Last, 52 Ways To Break The Ice & Target Your Market*; and the *Nothing Happens Until We Communicate* audiotape/workbook series. She's a contributing author to *Masters of Networking*.

T **Overview of the Biotechnology Industry, Past, Present and Future**

Technological advances have greatly accelerated our ability to gain insight into the human body. From the discovery of DNA to the completion of the human genome project, technology has allowed us to rapidly generate an immense amount of information and has given us the ability to better understand the links between genes and disease. From vaccines to diagnostics to therapeutics, many companies and institutions have developed and are developing technologies to help address these growing needs in the biotechnology arena. The presentation will outline the biotechnology industry, highlighting the past and present technological innovations, and providing a snapshot into what technologies we may see in the future. Jodi Flax is the Director of Marketing, Strategy and Business Development for MIICRO, Inc. headquartered in Chicago. Prior to joining MIICRO, she was a founding member of Motorola's entrepreneurial venture into nanotechnology, Motorola Life Sciences.

R **Step into New Perspectives and Take Action**

How would your life be different if you had new choices and a new outlook to make changes? Tap into your intuition and courage in this fun session. You will: *assess your satisfaction in key areas of your life, *select one priority and start a ripple of action, *step literally into and "try on" new perspectives, *see what IS possible in your life to get new results. Experience how coaching can help you create change through awareness, the power of choice and simple action. Gail Sussman Miller founded **Inspired Choice** to express her passion by empowering people to live to their potential and inner "greatness". She is an engaging, powerful speaker, coach, and teacher. Gail works primarily with women with an entrepreneurial spirit to help them increase the riches in their business and personal lives.



Session 3: 2:15 - 3:15

P Company Finances: How Do You Contribute to the Bottom Line?

As an employee, it is sometimes difficult to understand how our specific contributions affect the profit of our company. This session will outline a typical financial business structure of a company. Learn how the benefits of your expenses are measured and unravel the mystery of how your individual and your department's expenditures affect the profitability of your company. Ruth Ann M. Gillis is President of Exelon Business Services Company. Ms. Gillis provides leadership over the corporation's information technology services, legal and human resources services, payroll, accounts payable and supply chain support departments for Exelon Corporation. She is also a member of Exelon's Executive Management Committee and Corporate Risk Management Committee.

T The Basics of Web Page Design

Have you ever wanted to start your own web page, but haven't known how? Come learn about some different web sites that will help you get started with your own web page. You'll also find out about basic design tips to make your page look great and download quickly. Chris LaFortune is a writer with the Oak Park Oak Leaves, a weekly community newspaper. He received his bachelor's and master's degrees in journalism from the University of Illinois at Urbana-Champaign. During his graduate studies, he was the managing editor of the Department of Journalism's website, Spike.

R Pick your Target

Participants will have an opportunity to work on self-defense movement and strategy, as well as practice moving with confidence, assertiveness, and calmness – a strategy for deterring potential assailants. Participants will also learn some physical self-defense skills and practice identifying appropriate targets for use of these skills. The emphasis will be on effective body movement to avoid getting “stuck” on one target or one self-defense tool. IMPACT Chicago, founded in 1987, is a not-for-profit organization and offers experience-based self-defense and educational programs directed primarily to women in Chicago, IL, and the Great Lakes region.

**3:30 - 4:00 Closing Session:
Defining Inner Strengths to Achieve External Greatness**

“To Be REAL.” Being who we are. You are invited to uncover and acknowledge unique characteristics distinguishing our roles from our true essence. Learn 5 essential elements in building your own inner vitality and identify a snapshot of where you are now and where you want to be. You will leave with a higher sense of awareness, your center refreshed with an updated plan to living your promise. Micki Lewis is the founder and president of ENVISION RESULTS Inc., a Leadership, Talent and Business Development company launching customized programs & presentations that elicit “inherent greatness” in all. Micki has spoken nationally to over 10,000 participants and coached over 600 clients shifting each to higher levels in career and/or business success.

Directions to Abbott Laboratories

On I-294 North, take the Illinois 137 (Buckley Rd) exit East. This exit is approximately 25 miles north of O’Hare. Once exiting, turn east at the light and proceed about 0.5 miles to Route 43 (Waukegan Rd). Turn right on Route 43 and proceed to the Visitor’s Gate, which will be the second entrance to your right. Turn right after the Visitor’s Gate and park in Lot P. We are in the AP6D Conference center. See the website for a map.

For More Information

See our website at <http://www.swe.org/chicago> or write to swechicago@yahoo.com
A Special thanks to BorgWarner for the printing and mailing of the conference brochure!

Registration Form

Name: _____
Company: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Email: _____
SWE Membership #: _____

Registration Fees (Priority Registration postmarked or received on-line before Monday, March 8th)

Category	Priority	Regular
SWE Member	_____ \$75	_____ \$90
Nonmember	_____ \$95	_____ \$110
Student SWE Member	_____ \$40	_____ \$50
Student Nonmember	_____ \$50	_____ \$60
Unemployed	_____ \$50	_____ \$60

Register with check by mail or on-line through our PayPal setup. Send check and registration form to:

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