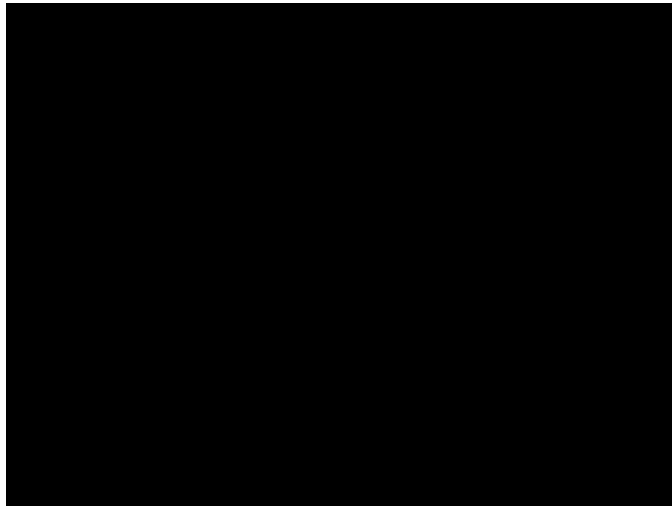




## Discover What SME Membership Can do For You

I AM SME

MEET KNOW GROW



## BENEFITS OF MEMBERSHIP



YOUR .....



## STRATEGIC PLAN 2013

**MEET KNOW GROW**

**Our Mission** – The mission of SME is to acquire and distribute manufacturing knowledge among its members and the broader manufacturing community

**Our Vision** – Recognized globally as the premier source for manufacturing knowledge, education and networking

- **Goal 1: Knowledge** – SME will be the premier manufacturing knowledge resource throughout the global manufacturing community.
- **Goal 2: Education** – SME and the SME Education Foundation will be known as advocates for careers in manufacturing and a leading resource for manufacturing education.
- **Goal 3: Membership** – SME will actively engage people and companies in their communities of interest to add value for the member.
- **Goal 4: Brand** – SME's brand creates the image of the most valued source of manufacturing knowledge.
- **Goal 5: Lean and Effective** – SME will be both lean and effective.
- **Goal 6: Knowledge Delivery** – SME will deliver knowledge in ways that meet the needs of members and customers.



4

<http://www.sme.org/downloads/memb/memberbenefits.pps>

## SME AT A GLANCE

MEET KNOW GROW

**MEMBERSHIP:** 25,000 individuals with an interest or passion for manufacturing

**ENGAGEMENT PLATFORMS:** 200 chapters in North America ♦ 20 chapters outside of North America ♦ 200 student chapters at educational institutions worldwide ♦ Technical Community Network containing 57 Technical Work Groups

**MEMBERSHIP PROFILE:** Mfg/Production/Industrial/Electrical/Quality/Design Engineers ♦ Educators ♦ Technicians ♦ Supervisors/Operators ♦ Sales Professionals ♦ Supply Chain Mgmt ♦ Procurement/Purchasing ♦ Finance/Cost Estimating ♦ Educators

**INDUSTRIAL PROFILE:** Educational services ♦ Machinery ♦ Fabricated metal products ♦ Transportation ♦ Medical instruments, equipment & mfg ♦ Electrical/electronics equipment & mfg ♦ Engineering services ♦ Wholesale trade ♦ Aerospace ♦ Petroleum ♦ Plastics ♦ Chemical

**TECHNICAL FOCUS:** Assembly ♦ Automation ♦ Machining ♦ Material Removal ♦ Stamping ♦ Forging ♦ Casting ♦ Molding ♦ Composites ♦ Fabricating ♦ Prototyping ♦ Industrial Laser ♦ Metrology ♦ Nano-Manufacturing ... and many other manufacturing processes



5

<http://www.sme.org/downloads/memb/memberbenefits.pps>

## SME AT A GLANCE

MEET KNOW GROW

### Who belongs to SME?

-  Manufacturing practitioners
-  Industry experts
-  Academics
-  Students
-  Entrepreneurs

*All of which are working to support the manufacturing community with vital services*



6

<http://www.sme.org/downloads/memb/memberbenefits.pps>

# NETWORKING

MEET KNOW GROW

EVERYONE YOU WANT TO ...

MEET

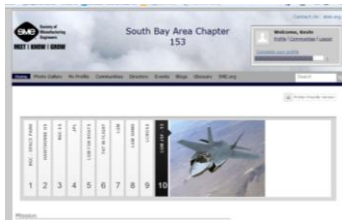


7

<http://www.sme.org/downloads/memb/memberbenefits.pps>

# SME 2.0 WEB PLATFORM

MEET KNOW GROW



## SME Website Benefits:

- Local job board you can post to your site
- Changing content and making the site as customizable as possible
- You can add pictures and videos
- Adding web links to local chapter affiliations
- Adding and posting events
- Sharing documents and blogs among your peers
- Easier mail outs



8

<http://www.sme.org/downloads/memb/memberbenefits.pps>

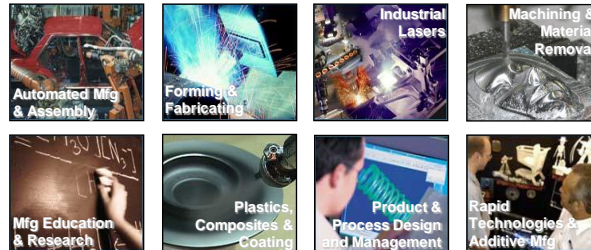


## TECHNICAL COMMUNITY NETWORK



**TCN** A collaboration platform for PEOPLE, PROCESSES and IDEAS, designed to provide you with the most current information in your specialized manufacturing niche

- Virtual and face-to-face meetings
- Producing technical content for SME programs/events
- Connect with peers and technical experts



[www.sme.org/tcn](http://www.sme.org/tcn)

9

<http://www.sme.org/downloads/memb/memberbenefits.pps>

## LOCAL CHAPTERS



Get to know manufacturing professionals in your own backyard

- TCN** Social and professional networking
- TCN** Plant tours
- TCN** Technical presentations and training
- TCN** Youth and family programs
- TCN** Community involvement




- TCN** 200 Senior Chapters
- TCN** Student Chapters at 200 educational institutions worldwide
- TCN** International Chapters in over 15 countries



[www.sme.org/chapters](http://www.sme.org/chapters)

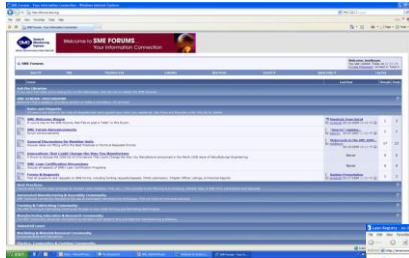
10

<http://www.sme.org/downloads/memb/memberbenefits.pps>

# CYBER NETWORKING



## SME Online Forums, Lean Registry, LinkedIn, and Facebook



LinkedIn

facebook

twitter



Connect  
Share  
Communicate  
Create



11

<http://www.sme.org/downloads/memb/memberbenefits.pps>

# EVENTS & CONFERENCES




[Advanced Manufacturing Expo 2012](#)  
September 25 - 26, 2012  
Mississauga, ON



[Medical Manufacturing Innovations Toronto](#)  
October 24 - 25, 2012  
Mississauga, Ontario



13

<http://www.sme.org/downloads/memb/memberbenefits.pps>



September 21-22 | Syracuse, NY  
(Includes Exclusive INPECON Plant Tour)

Register Now

**ABOUT THE SERIES**

- o 2012 Agenda
- o Program Review
- o Travel and Hotel

**BENEFITS OF ATTENDING**

- o SME Members attend for FREE
- o Qualified for SME recognition credit
- o Meals are provided during conference and accommodations (for one night stay) are reimbursed

As a bonus, you'll also receive a FREE copy of [The New Breed: Understanding & Equipping the 21st Century Volunteer](#) by McKee and McKee

### Become a Better Leader!

Learn to lead, not manage next generation of volunteers.

In this busy world, it's not always easy to find someone to volunteer their time. Have you recruited volunteers, only to have them quit? Do you often get excuses instead of yeses? Are you a one-person show, destined to do everything yourself? If you answered yes to any of these questions, you're not alone. **The volunteer landscape has changed over the last 10 years, and your recruiting and retaining techniques have to change as well.**

So how can SME help? The Society has designed its **Leadership Series** to provide its members with valuable leadership training. Through this face-to-face training, you will:

- Learn proven techniques to recruit and retain the newest breed of volunteers
- Meet and network with other SME members
- Receive training on **Strategic Planning Methodologies** to help plot the future of your chapter and/or Technical Community, including interactive discussions on vision and mission statements.
- **Enjoy an exclusive tour of INPECON**, a leading provider of innovative instrumentation, critical sensor technologies, and advanced process control software that enhance productivity and quality in sophisticated industrial vacuum processes

**Who should attend?**

- Current volunteer leaders (chair, chair-elects, membership consultants, vice-chairs, advisors, treasurers, faculty advisors, etc.)
- SME members interested in pursuing a leadership role
- Anyone interested in developing or enhancing their leadership skills



## PARTNERS

### SME partners and/or collaborates with other professional organizations

- [AME](#) (Association for Manufacturing Excellence)
- [AMT](#) (The Association for Manufacturing Technology)
- [AMTDA](#) (American Machine Tool Distributors' Association)
- [ASQ](#) (American Society for Quality)
- [AWS](#) (American Welding Society)
- [CTMA](#) (Canadian Tooling & Machining Association)
- [CMTDA](#) (Canadian Machine Tool Distributors' Association)
- [FMA](#) (Fabricators & Manufacturers Association Int'l)
- [FORESIGHT Institute](#) (Nanotech Institute)
- [GBMP](#) (Greater Boston Manufacturing Partnership)
- [ICAT](#) (International Committee for Abrasive Technology)
- [JSAT](#) (Japan Society for Abrasive Technology)
- [NAM](#) (National Association of Manufacturers)
- [Shingo Prize](#)
- [STLE](#) (Society of Tribologists and Lubrication Engineers)

and 100s more .....



## KNOWLEDGE

MEET KNOW GROW

EVERYTHING YOU NEED TO ...

# KNOW

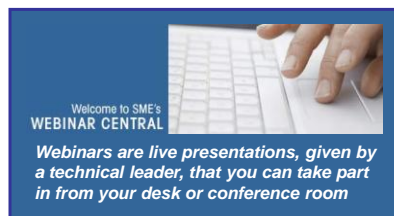


16

<http://www.sme.org/downloads/memb/memberbenefits.pps>

## WEBINARS

MEET KNOW GROW



- ◆ Participate from your desk or conference room
- ◆ All that is required is a phone and Internet connection
- ◆ Webinars are archived for future viewing by members
- ◆ A great way to distribute knowledge



Webinar Central

17

<http://www.sme.org/downloads/memb/memberbenefits.pps>



## PRINT PUBLICATIONS



- ◆ Free subscription to the industry-leading monthly publication, Manufacturing Engineering Magazine® and its archived articles – a \$120 value
- ◆ A copy of each new Manufacturing Yearbook, such as Medical Manufacturing, Aerospace & Defense, Motorized Vehicle Manufacturing and Lean Manufacturing – a \$25 value
  - Overview of macro trends
  - Viewpoint articles by top management and senior engineers
  - In-depth technical features on the newest practices and technologies
  - Covers industry specific manufacturing at every level



18

<http://www.sme.org/downloads/memb/memberbenefits.pps>

## Digital Manufacturing Engineering magazine



- ◆ The Digital Edition of *Manufacturing Engineering*® is an enhanced interactive magazine that replaces the online text-based version.
- ◆ SEARCH & BOOKMARK pages of the magazine on your computer desktop.
- ◆ WATCH FULL LENGTH VIDEOS directly in the digital magazine platform!
- ◆ CONNECT to the sources you're most interested in.



19

<http://www.sme.org/downloads/memb/memberbenefits.pps>

## ONLINE PUBLICATIONS & e-NEWSLETTERS



*Daily Executive Briefing* is a daily news briefing tailored to the needs of manufacturing professionals and summarizes key reporting in the field of manufacturing engineering from the previous 24 hours.



An \$840 - \$5,000 value to members



FREE access to keynote papers of several previous CIRP General Assemblies as well as papers presented by a number of the CIRP Scientific Technical Committees (STCs).

**CIRP PAPERS**  
International Academy for Production Engineering

\$,8000 annual value to members



20

<http://www.sme.org/downloads/memb/memberbenefits.pps>

## TECHNICAL QUARTERLIES



**COMPOSITES**  
IN MANUFACTURING

THE **FINISHING LINE**

**PLASTICS**  
INSIGHTS

**ROBOTICS**  
TODAY

- SME's *electronically archived* technical quarterlies
  - o Subject matter of interest to all manufacturing and technology practitioners
  - o All from a technical perspective
  - o Each issue includes brief articles, product announcements and event listings
- A \$400 annual value

**ELECTRONICS**  
MANUFACTURING ENGINEERING

**MACHINING**  
TECHNOLOGY

**RAPID**  
PROTOTYPING

**VISION**



21

<http://www.sme.org/downloads/memb/memberbenefits.pps>

## BOOKS, VIDEOS, DVDs, CD-ROMs



- Discounts on an extensive line of publications and videos
- Fundamentals to leading-edge emerging technologies



Ask about Site Licensing of SME publications and videos for your company's online library

22

<http://www.sme.org/downloads/memb/memberbenefits.pps>

## RESEARCH



### SME's "Ask the Librarian"

WOW Carol,

You did GREAT! This is exactly what I was looking for! I really appreciate your efforts to pull this all together. I can now take key points and build the presentation we discussed.

Thank you so very much.

Dave Gastel  
DEG Components  
San Jose, CA

### Online Resources

- Associations
- Books
- Calculation & Conversion Tools
- Dictionaries, Encyclopedias, Almanacs
- Directories
- Industry Standards and Specifications
- Linda Hall Library
- Manufacturing & Engineering Resources
- National Technical Information Services (NTIS)
- Market Research
- Salary Surveys
- Software
- Statistics
- Government

Free with membership, the SME "Ask the Librarian" is a \$40,000 research database that is always at your fingertips



Non-members have access for a \$50 per question fee

23

<http://www.sme.org/downloads/memb/memberbenefits.pps>

**SELF-IMPROVEMENT** MEET KNOW GROW

EVERYTHING YOU NEED TO ...  
**GROW**



25

<http://www.sme.org/downloads/memb/memberbenefits.pps>

**PROFESSIONAL CERTIFICATIONS** MEET KNOW GROW



***Earned by more than 36,000 people***



- Engineering Management Certification Fundamentals
- Engineering Management Certification Professional
- Certified Manufacturing Technologist (CMfgT)
- Certified Manufacturing Engineer (CMfgE)
- Six Sigma Certification
- Lean Certification (Bronze, Silver, Gold)

**Members receive  
Hundreds of Dollars  
in savings**



26

<http://www.sme.org/downloads/memb/memberbenefits.pps>



## PERSONAL & CORPORATE TRAINING



SME has collaborated with manufacturing's top instructors to bring you:

- A flexible portfolio – regularly updated
- Flexible course content – tailored for your unique circumstances
- Flexible scheduling
- Onsite Course – Training one company
- Hybrid Course – Multiple companies at one company
- Public Course – Open enrollment. Scheduled throughout the year

A variety of courses offered in the areas of :

- Design & Engineering
- Management
- Materials
- Process Technologies
- Automation and Assembly
- Quality and Testing
- Lean



Receive a 10% Discount at  
and  
Don't Forget



27

<http://www.sme.org/downloads/memb/memberbenefits.pps>

## JOBS CONNECTION



- Employers search for highly qualified manufacturing professionals
- Job seekers post anonymous resumes
- SME members float to the top, especially those who are certified

### ONLINE CAREER TOOLS

- One-on-One Career Coaching
- Ask the Career Expert
- Links, Articles, and Resources



Couple Jobs Connection with "Ask the Librarian" for a winning combination.

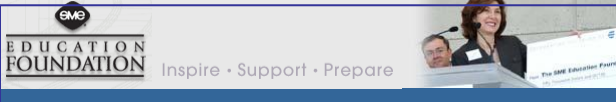


As of April of 2009, the unemployed can renew their membership or join SME at the reduced rate of \$30 per six month period. Contact our Customer Care at ... 313.425.4500 ... and they will personally assist you.

29

<http://www.sme.org/downloads/memb/memberbenefits.pps>

## FAMILY SCHOLARSHIP FUND

Inspire • Support • Prepare

The SME Education Foundation seeks to support the children or grandchildren of SME members, and to encourage their pursuit of careers in manufacturing engineering and technology. This highly competitive scholarship, made possible by the E. Wayne Kay Scholarship Fund, will be awarded to students who demonstrate academic excellence and an interest in manufacturing engineering or related technology.



Three scholarships awarded annually. One is a four-year award valued at \$80,000.

30

<http://www.sme.org/downloads/memb/memberbenefits.pps>

## AWARDS



### Generation Now

It's your time to reap the rewards of your lifelong work on behalf of others. You've been called the Silent Generation, Baby Boomers, the Me Generation and, more recently, Generation X. Or should we call you Generation Wow because you:

- Develop processes and make discoveries that help **make our lives cleaner, brighter, faster, and above all, better**
- **Give manufacturing its own brand of cool** with ever-advancing technologies like rapid, nanomanufacturing and robotics
- **Hold patents on limitless imagination** and innovations like no other
- **Prepare the next generation** of inventive minds
- **Inspire others**
- Do your part to develop jobs and **help keep global economies running**
- **Think in hi-def**
- **Research impossibilities and turn them into realities**

So shouldn't there be awards for all of the above; for what you have yet to do, discover or develop?



### The Society of Manufacturing Engineers has a number of awards to honor your efforts and contributions throughout your career.

- International Honors Awards (7)
- College of Fellows (*membership required*)
- Honorary Membership
- Outstanding Young Manufacturing Engineer Award
- Award of Merit (*chapter award*)
- NAMRI/SME S.M. Wu Research Implementation Award
- Total Excellence in Electronics Manufacturing Award
- FFC Technical Paper Excellence Award
- Rapid Technologies & Additive Manufacturing Awards (2)
- J.H. "Jud" Hall Composites Manufacturing Award
- Presidents Award (*chapter award*)



[www.sme.org/awards](http://www.sme.org/awards)

31

<http://www.sme.org/downloads/memb/memberbenefits.pps>

# GIVING BACK

... to your community

... to your industry

... to your SME



32

<http://www.sme.org/downloads/memb/memberbenefits.pps>

## YOUTH AWARENESS OF MANUFACTURING

- SME provides information, tools and opportunities for students to learn about manufacturing and the exciting, satisfying, lucrative career opportunities it offers
- The SME Education Foundation impacts more than 15,000 K-12 students each year



[www.smeef.org](http://www.smeef.org)

[www.manufacturingiscool.com](http://www.manufacturingiscool.com)

33

<http://www.sme.org/downloads/memb/memberbenefits.pps>





### SME-EF Supports ...

- Scholarships to Local Colleges and University students. the Future Award
- Gateway Academy (Science, Technology, Engineering, Math summer camp program)
- Project Lead the Way®
- Academy of Engineering
- Goal: To support SME chapter programs
  - o Canadian Manufacturing Week
  - o FIRST Robotics
  - o And many more



[www.smeef.org](http://www.smeef.org)

[www.manufacturingiscool.com](http://www.manufacturingiscool.com)

34

<http://www.sme.org/downloads/memb/memberbenefits.pps>

## GETTING INVOLVED IN YOUR SME



- Join a local SME Chapter
- Join a Technical Community
- Learn about Industry Focus Areas / Initiatives
- Write a Technical Paper
- Author a Book
- Volunteer Leader (Chapter, TCN, Membership Consultant, Member Council, Board of Directors)
- Become a Speaker
- Develop a Webinar
- Contribute to a Publication
- Donate to and become a proponent of the SME Education Foundation
- Participate in online discussions
- Member-to-Member Dialog



36

<http://www.sme.org/downloads/memb/memberbenefits.pps>



## SPARK YOUR PASSION

MEET KNOW GROW

- ✓ What do I want for the Society of Manufacturing Engineers and the manufacturing community?
- ✓ Why do you want it?
- ✓ What are you willing to do to get it?



37

<http://www.sme.org/downloads/memb/memberbenefits.pps>

## IT'S YOUR TIME. IT'S YOUR SME

MEET KNOW GROW

### It's time to get involved ...

- In your local SME chapter
- In your SME technical community
- In the SME Education Foundation
- In your manufacturing community

The future of manufacturing depends on ***you***  
and ***your*** Society of Manufacturing Engineers



***You are the voice of manufacturing***

38

<http://www.sme.org/downloads/memb/memberbenefits.pps>

## SME CHAPTER 26 CHALLENGE 2012

MEET KNOW GROW

### SME Challenge:

- Membership growth: double the size?
- Move TBM to the next level
- Training members locally (great fund raising)
- Develop student growth, form student Chapters
- Reach out to manufactures in all sectors.
- Plant tours: open this up to smaller manufacturers
- Opportunity for Specific Sr. Management summits:
  - Sr. Manager meetings
  - Materials managers
  - Human resources
  - Engineering
  - Production
  - Plant managers



40

<http://www.sme.org/downloads/memb/memberbenefits.pps>

## SME CHAPTER 26 CHALLENGE 2012

MEET KNOW GROW

### SME Challenge:

- Workforce Development
- Develop relationships with Economic Development
- Develop Relationships with colleges and universities.
- Work with local economic development



41

<http://www.sme.org/downloads/memb/memberbenefits.pps>