



# News

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*Joining together to promote resistance welding excellence*

**Winter 2001**

## RWMA marks its 65th Anniversary at Successful Annual Meeting

**65** years young! The Resistance Welder Manufacturers' Association celebrated its 65th Anniversary at the four-day Annual Meeting in the warm sunshine of Orlando, Florida. With a record number of attendees, families and guests, RWMA members were not retiring even though the Association turned 65. The delegates participated in over 15 committee and subcommittee meetings during the day and explored Orlando and Walt Disney World at night.

The Annual Meeting was filled with special moments and surprises. Mickey and Minnie Mouse showed up to pose for pictures at the Family Character Breakfast. There was an unexpected fireworks display during dinner on Friday Night. And one of the memorable highlights of the week was the fond tribute to Bill Lucas, who is retiring from T.J. Snow after 17 1/2 years and as an active member of RWMA for 16 years. Tom Snow flew in as a surprise to toast Bill and his wife, Ramona, during the Friday Night dinner. The dinner ended with singing, dancing and lots of fun and games.

The 2001 Spring Meeting will be here before you know it. Stillwater Technologies, Inc. will play host to RWMA in Dayton, Ohio, April 24-27, 2001. Look for information early next year about the Spring Meeting. You can make reservations at the DoubleTree Dayton Downtown by calling 1-937-461-4700.

## FABTECH International Show Attracts Thousands!



The RWMA recently exhibited at another successful FABTECH International Show. This year's show was held November 14-16 at Cleveland's International Exhibition Center. RWMA's booth was very popular among show attendees and RWMA members.

RWMA member volunteers offered attendees the opportunity to view The Basics of Resistance Welding video, which was shown continuously throughout the show. Membership directories, welding school brochures, Quickie Reference Manuals and literature order forms were also available. Booth volunteers offered their expertise and assistance in answering a variety of questions from show attendees.

Terry Schaufele of MascoTech Tubular Products, Inc. of Hamburg, Michigan was the lucky winner of a Resistance Welding Manual, Fourth Edition and Jack Harvey of RBM Precision in Colorado Springs, Colorado won a complimentary registration for an upcoming welding school.

Many thanks to those RWMA members who volunteered their time to help staff the booth during the show. As always, your continued support of RWMA programs is appreciated.

Plans are already underway to make next year's show even better! Make plans now to attend FABTECH International, November 11-14, 2001, in Chicago, Illinois.

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## President's Perspective

*Bill Brafford, CMW, Inc.*

During the Holidays many of us take time to reflect on what has happened over the last year. It is a chance to put things in perspective and determine a course of action for the future. RWMA is no different. At the Annual Fall Meeting, our committees were active on many fronts. The Resistance Welding Manual update occupied a lot of our committee efforts. Many other committees were also active with standard revisions and new standards. Expansion of the RWMA web site is progressing and offering a new medium for marketing the resistance welding process. A guest speaker from AWS A10 presented a report on the status of a current measurement standard that is being developed by AWS with our members' input. Through these and the many other activities, we as an organization review our status and move forward.

One of our new goals is to refine RWMA's strategic planning process. A meeting will be held in January to begin to develop a program titled "RWMA Timeline for a Sustaining Visioning Process." This will enable RWMA to focus and streamline our activities.

RWMA has continued to develop our relationship with AWS. Joint development of a Certified Resistance Welder Technician program has moved beyond the survey stage. A draft of the requirements of a technician are being developed. Several RWMA publications are now offered through the American Welding Society (AWS). Co-sponsorship with AWS of the upcoming MAX-I Show in Cleveland is being considered. The resistance welding industry benefits by these joint activities with AWS.

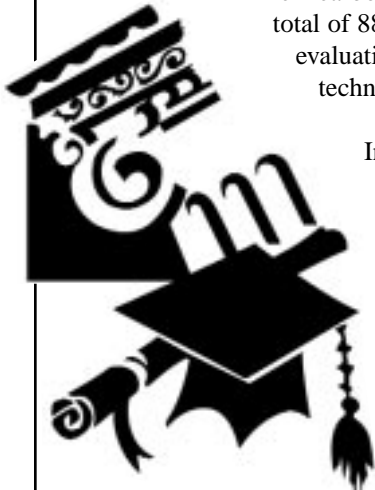
Membership continues to grow. Over 100 members from all segments of the resistance welding industry are helping to develop the future of our industry. The general interest, enthusiasm and energy of our members at our meetings gives life to the organization and in turn our industry. January is the beginning of a very busy year. Be active and make a difference.

### Dearborn Hosts Successful Fall Welding School

The Dearborn Inn in Dearborn, Michigan was the site of another successful welding school. A total of 88 students participated in the school, which was held September 11-13. Attendee evaluations proved once again that the instructors did an outstanding job in sharing their technical expertise through lectures and hands-on demonstrations.

In addition to the information packed teaching sessions, attendees were given the opportunity to meet with RWMA members and learn more about the resistance welding industry during the popular table-top exhibit program. A special thank you to the following member companies who participated in the program:

CenterLine (Windsor) Ltd.  
CMW, Inc.  
DTI Peer  
ENTRON Controls, Inc.  
Resistance Welding Products Ltd.  
RoMan Manufacturing, Inc.  
Stillwater Technologies, Inc.  
T. J. Snow Company, Inc.  
TMX/Copper & Brass Sales  
Taylor-Winfield Corporation  
Unitrol Electronics, Inc.



The Spring 2001 welding school will be held March 27-29 at the Hilton Charlotte University Place in Charlotte, North Carolina. Promotional brochures are available and members are encouraged to continue promoting the school to potential attendees. Please contact Headquarters if you would like a supply of brochures to distribute to your customers and colleagues. Major promotion of the school will begin in January.

## RWMA Calendar of Events 2001

### March 27-29

RWMA Spring Welding School  
Charlotte, North Carolina

### April 24-27

RWMA Spring Meeting  
Dayton, Ohio  
(Site Visit: Stillwater Technologies)

### May 6-10

MAX International Show  
Cleveland, Ohio

### September 11-13

RWMA Fall Welding School  
Orlando, Florida

### October 23-27

RWMA Annual Meeting  
Palm Springs, California

## 2002

### March 12-14

RWMA Spring Welding School  
Cleveland, Ohio

### June

MAX International Show  
Chicago, Illinois

### November

FABTECH Show  
Cleveland, Ohio

# THANK YOU!

*thank you! thank you! thank you!*

## Thank you to the following companies who donated to the RWMA Scholarship Fund in 2000:

Ansonia Copper & Brass, Inc.  
CenterLine (Windsor) Ltd.  
CMW, Inc.  
Darrah Electric Company  
RoMan Manufacturing, Inc.  
Sherbrooke Metals Corporation  
Tuffaloy Products, Inc.  
Watteredge-Uniflex, Inc.

The RWMA Scholarship Fund was established in 1994 with a grant from Jacquelin Craig, wife of the late Emmet A. Craig, for whom the RWMA Resistance Welding School is named. The Association matched Mrs. Craig's initial contribution and the fund is now sustained by donations from RWMA member companies. Please contact Headquarters if you wish to make a donation to this important fund.

# THANK YOU!

*thank you! thank you! thank you!*



## Congratulations to RWMA Scholarship Winners

The RWMA is pleased to announce the recipients of the 2000 RWMA Scholarship Awards. Chad Schodelmayer and Christopher Soule, students at Ferris State University in Michigan, will each receive \$2,500 to be used towards education costs, a certificate of recognition and a copy of the Resistance Welding Manual, Fourth Edition.

# Convention Highlights



*Ron Leibovitz, Phyliss Locker and Bill Nigh of Unitrol Electronics, Inc. share a laugh at the Welcome Reception.*



*President Bill Brafford presents David Brown of Brush Wellman, Inc. with a Associate Member plaque at Friday Night reception.*



*Vice President Larry Moss, Vice President David Beneteau and Chairman Pat Adams and President Bill Brafford get ready to lead everyone in a rousing rendition of "RWMA" to the Village People's "YMCA".*



*Amy and Ry Muzzarelli of Newcor Bay City partake fare at the Welcome Reception.*



*Priyesh and Tejal Dodhia of Tuffaloy Products, Inc. enjoy a break in dancing with their daughters.*

# Convention Highlights



*Tom Snow, Romona and Bill Lucas with Bill Brafford celebrate Lucas' contribution to RWMA.*

## *Welcome to the First Timers*



*Executive Director Joshua Waldorf and President Bill Brafford (far left) welcomed Wim Lam of Lam Design Management; Manfred Springer and Paul Haynes of Bosch Automation Technology; Francois Labrosse and Jean-Pierre Derdeyn of Techno Control Cybernetic and Nick Rezai of Alpatron Industries, to their first RWMA Meeting.*



*Jim Dally of Standard Resistance Welder, Co. and Ray Shook of Stillwater Technologies catch up after a day of productive committee meetings.*



*JoAnn and Bruce Kelly of General Motors share a table with Myrna and Ricky Martin of Intertron Industries, Inc. at the festive Friday Night dinner by the pool.*



# Committee Round-Up



**RWMA will be going electronic**, not only in the products we make, but in our communications. The Board of Directors approved the gradual shifting of newsletters, minutes, reports and meeting promotional information to be sent out via e-mail.

**Education Committee** voted Diana Darrah and Judy Cuff as Chair and Vice Chair respectively. A new survey of technical/vocational schools is being designed to gauge interest in the teaching of resistance welding.

**Marketing Committee** created a new Website Subcommittee, which will be chaired by Fritz Bolle. There will be a redesigned welding school brochure. Members are asked to submit articles for publication in *RWMA News* and *AWS Journal* and to be posted on the website.

**Manual Rewrite Committee** is nearing the home stretch of completing the rewriting of the *4th Edition RWMA Manual*.

**Membership Committee** is creating a site inspection visit handbook.

**Strategic Planning Committee** will be meeting in Indianapolis, Indiana January 11-12, 2001 to begin an annual Visioning Process.

## Technical Committee

Controls Subcommittee continues to review *Bulletin #5* and networking standards between controls. Chapters 20 and 22 revisions are near completion.

**Electrical Subcommittee** is working on water-cooled jumpers, kickless cables, laminated shunts, grounding of secondaries and specifications for inverter power supplies.

**Materials & Recommended Practices Subcommittee** elected Bob White and Jim Dally as Chair and Vice Chair respectively. The subcommittee is developing a designer's guide.

**Mechanical Subcommittee** is developing a standard for electrode force.

**Safety Subcommittee** began work on the Safety Chapter for the new Manual.

**Welding School Committee** announced Bruce Kelly's appointment as an alternate instructor.



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Bill Brafford	President
Dave Beneteau	First Vice President
Larry Moss	Second Vice President
Pat Adams	Chairman
Joshua Waldorf	Executive Director
Dana Lilienthal	Meetings Manager
Suzanne Pine	Management Liaison

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*The opinions expressed in any articles by outside consultants are their own views and not necessarily those of the RWMA.*

## AWS, PMA Join Forces at MAX International

The American Welding Society (AWS) and the Precision Metalforming Association (PMA) have announced that their co-located expositions, the International Welding and Fabricating Exposition and METALFORM ExpoSium, will operate under the umbrella name of MAX International. The organizations will co-host the expositions during a 10-year strategic alliance. The first co-located exposition will be held May 6-10, 2001, at the I-X Center in Cleveland, Ohio.

Expected to draw a crowd of nearly 40,000, MAX (Manufacturing Applications Exposition) International will fill the entire I-X Center - almost 800,000 gross square feet of space. As one of the largest, most comprehensive integrated manufacturing expositions ever presented in North America, MAX International is the driving force at the core of the manufacturing industry. MAX International offers attendees the opportunity to view technology at work in the areas of stamping, forming, joining, welding, fabricating, pipe and supplies.

Since 1953, the AWS Show has been the primary resource for the welding industry. It regularly attracts nearly 25,000 attendees and Expo exhibitors from more than 20 countries. METALFORM, first held in 1981, has grown to include exhibitors in the areas of stamping, precision metal fabricating, and forming. According to AWS executive director Frank G. DeLaurier, the show will provide attendees "... a chance to learn, network and see the full range of manufacturing applications. Attendees and exhibitors alike are looking to maximize their investment, and MAX International does that. Together, the AWS Welding Expo and METALFORM represent the core of the manufacturing industry."

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## New Publications

To make sure each and every weld is done correctly, the AWS has completed the third edition of the *Welding Inspection Handbook*. Presenting inspection details in a clear, no-nonsense style, the new edition of the *Welding Inspection Handbook* includes chapters on operations, inspection safety, welding metallurgy, heat treating, welder qualification and more. The Handbook can also be used as a training manual for inspectors, engineers and welders to teach the important difference between discontinuities in a weld and rejectable weld defects.

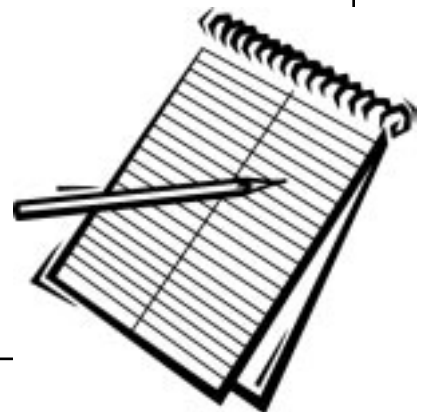
The AWS has completed a new publication that describes all the skills required for a welding supervisor. The ANSI-approved *Specification for the Qualification of Welding Supervisor* can be used to design training programs, guide promotions and evaluate potential employees. Welding supervisors play a critical role in any fabrication, repair or construction, so they must have the ability to accurately and efficiently read drawings, prepare documents, maintain records and make crucial judgements on the progress of a project.

For more information on either of these publications, contact AWS Customer Service at (800) 334-9353 or the AWS website at [www.aws.org](http://www.aws.org).

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## Wanted: Articles

We need articles for the *Fabricator*, *Welding Journal*, *Tube & Pipe Journal*, and *Practical Welding* and we're looking to you, our members, for support. Your articles keep the resistance welding industry in the news and make others aware of the process and the RWMA. If you would like to submit an article please send it to RWMA Headquarters.  
Thanks for your support!



# Member News

## New Members

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**TG Systems LLC**  
851 47th Street SW  
Grand Rapids, MI 49509-5103  
Phone: (616) 257-8700  
Fax: (616) 257-8734  
Mike Simmons  
Electrodes

**Technitron**  
710 Cahaba Valley Circle  
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Fax: (205) 989-5719  
Sam Abston  
Components

**WPC Weldaloy Products**  
11551 Stephens Drive  
P. O. Box 1047  
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Fax: (810) 758-5049  
Jay Jones  
Electrodes

A  
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**Affinity Industries, Inc.**  
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Ossipee, NH 03864  
Phone: (603) 539-1402  
Fax: (603) 539-8484  
Peter Brown  
Supplier

**S. J. Smith Welding, Safety  
& Industrial Supplies**  
3707 West River Drive  
Davenport, IA 52802  
Phone: (319) 324-5237  
Fax: (319) 324-1336  
Michael Dailey  
Sales & Marketing Organizations

**William Qualls**  
269 North Newman Road  
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Phone: (248) 588-4510  
Fax: (248) 588-3910  
Engineers & Designers

**Wren Industries**  
265 Lightner Road  
Tipp City, OH 45371  
Phone: (937) 667-4403  
Fax: (937) 667-6949  
Michael Andersen  
Engineers & Designers



## Member News

**RoMan Manufacturing, Inc.** has started a new division called RoMan Engineering Services. Located in Dearborn, Michigan, R.E.S. will offer complete engineering, troubleshooting and laboratory services to the resistance welding industry.

Congratulations to Dennis Wootan of **Southern Copper and Supply!** Dennis was one of six select winners from all of the Fernley & Fernley managed associations whose members chose United Airlines to travel to meetings and conventions in 1999. Dennis received a United Airlines certificate for free travel within the 48 contiguous states.