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# ASAE WISCONSIN SECTION



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

The Newsletter of the Wisconsin Section of  
the American Society of Agricultural  
Engineers

**March 2002**

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email: [LoehrRobertJ@JohnDeere.com](mailto:LoehrRobertJ@JohnDeere.com)

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### **ASAE WI Section 2001-2002**

#### **Chair**

Bill Nelson  
Bou-Matic  
(608)222-3484

#### **2000-2001 Past Chair**

Mark Purschwitz  
University of Wisconsin-Madison  
(608) 262-1180

#### **Vice Chair Program (Chair-Elect)**

Brian Holmes  
University of Wisconsin-Madison  
(608) 262-0096

#### **Vice Chair Awards**

Derek Whitelock  
University of Wisconsin-River Falls  
(715) 425-3985

#### **Vice Chair Membership**

Daryl Jaeger  
Weasler Engineering, Inc  
(262)-338-5461

#### **Vice Chair Public Relations**

Bob Loehr  
John Deere Horicon Works  
(920) 485-5365

#### **Vice Chair Career Development**

Dave Bohnhoff  
University of Wisconsin-Madison  
(608) 262-9546

#### **Secretary and Treasurer**

Todd England  
J-Star Industries, Inc  
(920)-563-5521

## **WISCONSIN SECTION MEETING WEDNESDAY, MARCH 13 MIDWEST AG EXPO / JINGLES**

**The Spring ASAE Wisconsin Section Meeting will be held on Wednesday, March 13 in conjunction with the Midwest Ag Expo. The ASAE business meeting will be held at Jingles' Bar, just across from the Coliseum.**

**At 4:30, Bart Geleynse of Bou Matic will discuss recent developments in robotic milking. Bart has extensive dairy industry experience in Canada as well as the U.S. His presentation is titled "Integrating Robotic Milkers into Freestall Barns". With recent trends outlining large dairy expansion, labor shortcomings have driven more mechanization into the milking duties.**

**Social hour will be held at Jingles prior to the technical session. Dinner will start at 5:15. During the business meeting that follows, we will announce our newly elected officers and present the section awards. Awards will be published in a separate bulletin prior to the meeting.**

### **Meeting Schedule:**

- 3:30 Social Hour-cash bar**
- 4:30 Bart Geleynse-Robotic Milking**
- 5:15 Dinner-Beef, Chicken, Salad, Pie, etc.**
- 6:00 Business Meeting and Awards Presentations**

## Show Information / Directions to Jingles'

Jingles is located on the North side of the Alliant Energy Center (formerly Dane County Coliseum) just West of John Nolan Avenue on Olin Avenue. From the Westbound Madison Beltline (HWY 12/18) take the John Nolan exit. At the second stop light turn left onto Olin Avenue. Jingles' is on the right side. See next page for a detailed map. Jingles address is 232 East Olin Avenue, Madison, WI.

**We encourage everyone to visit the Midwest Ag Expo at the Alliant Energy Center prior to the meeting. The show information is as follows:**

**Dates: March 13, 14, 2002**

**Location: Dane County Exposition Center Madison, Wisconsin**

**Show Hours:**

**March 13 - 8:30 am - 4:00 pm**

**March 14 - 8:30 am - 3:00 pm**

**For more show information go to:** [http://www.medaonline.com/show\\_facts\\_wisconsin\\_ag\\_expo.htm](http://www.medaonline.com/show_facts_wisconsin_ag_expo.htm)

**Show Sponsors: Midwest Equipment Dealers Association & Alliant Energy Corporation**

## Message From The Chair, Bill Nelson

I went on-line to the National ASAE web site (<http://www.asae.org>) to try to find a topic for this brief note. What I found was a new look containing a wealth of information. If you haven't visited it recently, I encourage you to take a look.

Who can I contact at ASAE? Can I have an e-mail address at [myname@asae.org](mailto:myname@asae.org)? What committees are active in ASAE? What is the date of the next International Meeting? How can I propose a new standard? What activities are the student branches planning? Where can I find a new job? What am I an expert at? All these questions and more can be answered with just a few clicks. One of the most exciting features is to have access to standards and publications quickly and easily.

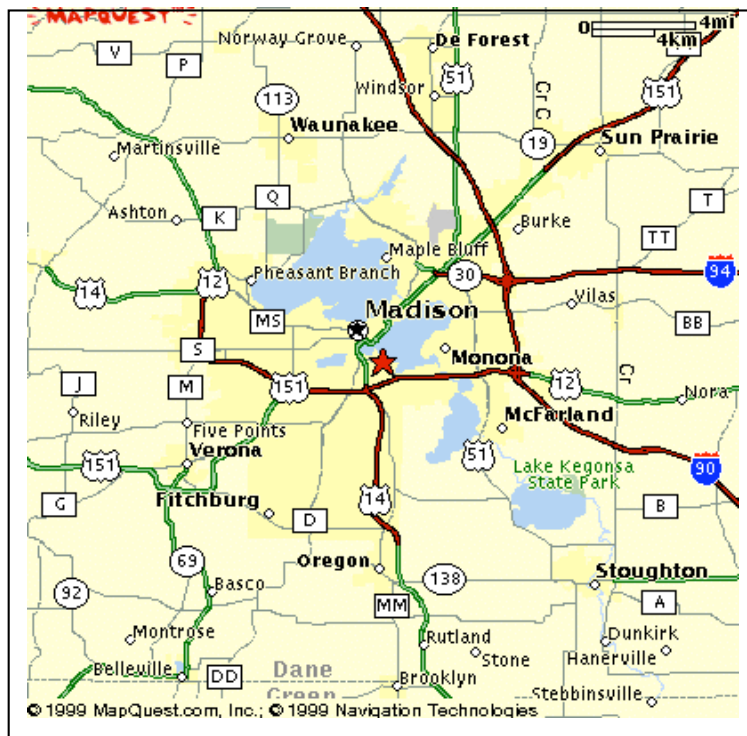
Watch for the unveiling of the Wisconsin Section Web page, which is coming soon. Dave Bohnhoff has been spearheading a campaign to complete our web page and join 13 other sections already on line. Check out the links at <http://www.asae.org/membership/section.html>.

As we add another page to the yearbook of the Wisconsin Section of ASAE, I would like to thank all the officers for their hard work this past year. I encourage everyone to send me comments that will provide direction for next years officers as they plan another year of exciting activities. Please send you comments to [billnelson@spwl.net](mailto:billnelson@spwl.net). Thank you for your continued support of ASAE.

**\*\*\* Do not forget to keep your information up-to-date with ASAE headquarters to ensure that notices can get to you on time. If you have email, make sure this information is provided also. \*\*\***

# Wednesday, March 13

## Spring Meeting of the WI Section of ASAE at Midwest Ag Expo



# Secretary's Report

February 10, 2002

## Wisconsin Section ASAE

The winter meeting of the Wisconsin Section ASAE was held on December 5, 2001 in Appleton, WI. Prior to the meeting, the Wisconsin Section toured the Tinedale Farms located in Wrightstown, WI. Todd Theunis spoke to the Wisconsin Section ASAE about the newly installed anaerobic manure digester and Tinadale's ability to produce electricity from the methane production of manure from their 1500 cow dairy operation.

49 people attended the meeting, which included 20 students from UW-Madison and UW-River Falls.

Bill Nelson called the meeting to order at 6:05 p.m.

1. Guests and students were introduced.
2. The Spring Wisconsin Section Meeting is scheduled for March 13, 2002 in Madison, WI.

Spring Meeting – March 13, 2002                      Madison, WI  
“Annual Awards Night & Midwest Ag Expo”

3. All nominations & suggestions for the section awards should be forwarded to Derek Whitelock. Nominations are due January 30, 2002. This year, Wisconsin Section ASAE will be sponsoring the following awards: Wayne G. Russell Award, Young Engineer Award, Agricultural Engineering Graduate Student of the Year, Agricultural Engineering Student Of The Year, and the Agricultural Engineering Technology Student of the Year.
4. A Secretary's Report dated September 24, 2001 was printed in the November 2001 Newsletter. Attending ASAE members had no additional corrections. As of November 2, 2001 the Wisconsin Section had a balance of \$6366.90.
5. Section Officers for 2002-2003 nominations should be forwarded to Damion Babler ([dbabler@gehl.com](mailto:dbabler@gehl.com)) or Brian Hitt ([hittbrianj@johndeere.com](mailto:hittbrianj@johndeere.com)). Nominations must be forwarded to them by February 10, 2002. The following positions are open for nominations: Vice Chair-Program, Vice Chair-Awards, Vice Chair-Membership, Vice Chair-Public Relations, Vice Chair-Career Development, Secretary-Treasurer, Nominating Committee, Career Development Committee.
6. The American Society of Women Engineers is sponsoring nine awards. For more information contact Bill Nelson.

The meeting was adjourned at 6:15 p.m.

The meeting continued with a presentation from Robert Fick – Senior Agricultural Engineer for Alliant Energy. Mr. Fick's presentation was titled: “Issues with Energy from Agricultural Bio-gases”

Respectfully Submitted,  
Todd England  
WI Section ASAE Secretary 2001/2002

## Treasurer's Report

(November 2, 2001 - February 10, 2002)

**Opening Balance – November 2, 2001** **\$6366.90**

**Inflows (Income):**

- 12/8/2001 Deposit – December 5, 2001 meeting \$550.00
- 2/4/2002 Deposit-National ASAE Dues \$1420.00

**(Total: \$1905.00)**

**Outflows (Expenses):**

- 10/30/01 Bank Fee-Return Checks \$-2.00
- Draft #480 Fort Community Credit Union –Cash for Dec. meeting \$-50.00
  
- Draft #481 Sears – Gift for Tinedale Farms \$-25.00
- Draft #482 Liberty Hall – Food bill December meeting \$-549.24
- 1/31/02 Bank Fee-Return Checks \$-2.00

**(Total: \$-628.24)**

**Balance-February 10, 2002** **\$7643.66**

Respectfully Submitted,  
Todd England  
WI Section ASAE Treasurer 2001/2002

<b>New ASAE Members</b>
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**Wisconsin Section of ASAE would like to welcome the following new / transferred members:**

**NEW**

Graham	Adsit	Univ of Wisconsin
Tobias	Auth	Univ of Wisconsin
Dustin	Auth	Univ of Wisconsin
Joshua	Bacon	Univ of Wisconsin
Benjamin	Bares	Univ of Wisconsin
Benjamin	Binversie	Univ Of Wisconsin
Perry	Cabot	Univ of Wisconsin-Madison
Sara	Fictum	Univ of Wisconsin
Siva	Ganesh	Deere & Co
Thomas	Hunter	HUSCO International Inc
Ursula	Hymes Fecht	USDA
Shaun	Izdepski	Univ of Wisconsin
Angie	Jogel	Univ of Wisconsin
Nicole	Jordan	Univ of Wisconsin
Bob	Masnado	Wisconsin Dept of Nat Res
Patrick	McCutcheon	MCL Industries
Dean	Olson	Univ of Wisconsin-River Falls
Nikolas	O'Neill	Univ of Wisconsin
Adam	Petersen	Univ of Wisconsin
Brian	Peterson	Univ of Wisconsin River Falls
Joseph	Porior	Univ of Wisconsin
Daniel	Rooney	Earth Information Technologies, Corp
Chad	Sorenson	Univ of Wisconsin
Darwin	Struensee	Univ of Wisconsin
Naomi	Uhlenhake	Univ of Wisconsin
Anthony	Vandermuss	Univ of Wisconsin
Justin	Wege	Univ of Wisconsin River Falls

**TRANSFERS**

Robert	Boland	Univ of Wisconsin
Donald	Henderson	John Deere Power Systems
John	Kohout	
Paul	Larmour	Germania
Weldon	Murphy	
Daniel	Wierzba	Resource Engineering Assoc Inc

## **News From ASAE Headquarters**

### **Engineers Tell Their Stories on the Radio**

Interested in seeing the achievements of agricultural and biological engineers get the recognition they deserve? Producers are actively seeking story ideas for "Voices of Innovation," a daily radio series set to debut in April. Each two-minute episode tells a story of how engineering contributes to the environmental, economic, and personal well-being of society. The series will be broadcast on as many as 300 public radio stations across the United States and is produced by nationally syndicated radio personality and journalist Jim Metzner, known to many for his series "Pulse of the Planet." To hear a sample episode of the new series and submit a story idea, please go to [www.voicesofinnovation.org/](http://www.voicesofinnovation.org/). The series is sponsored by the American Association of Engineering Societies. Don't miss this opportunity to promote your profession.

### **Ultimate Machine Combat**

Attention all quarter-scale tractor and off-road vehicle fans! The producers of television's "Junkyard Wars" have announced plans to create a new competition and are searching for contestants. Teams will be given one month and approximately \$2,000 to create a dream machine that can dodge obstacles, survive collisions, and withstand all the elements — and beat the other teams across the finish lines. Teams can have as much or as little help as they wish, and contestants should have experience in welding, engine repair, and engineering. And at least one member should be capable of racing the vehicle. Contestants will be flown to a secret racecourse to compete against teams from around the globe. Interested? Act quickly—the deadline for applications is nearing. For further information, see the following Web site: [www.ultimatemachinecombat.com](http://www.ultimatemachinecombat.com) or email producer Jackie Morris at [Jackie.Morris@rdfmedia.com](mailto:Jackie.Morris@rdfmedia.com). Who knows? Perhaps you'll follow in the footsteps of ASAE member Brian Long and his brothers, who won the "Junkyard Wars" championship in 2001!

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**Post Your Resume on ASAE Web Site**

Remember, that as an ASAE member you can post your resume on the ASAE Web site by entering the members-only section of the site and clicking on ASAE Career Services. The posting process is quick, it's easy, and it offers a confidentiality feature.

**Ag/Bio Engineers in Demand**

Looking for a new position? Trying to convince a student that agricultural and biological engineering offers great career potential? A new ASAE Web page may help your efforts. ASAE's Membership Services has created a compilation of organizations that hire agricultural and biological engineers-and the list is long. See the listing at <http://www.asae.org/membership/buslist.html>.

**ASAE-CIGR Congress Annual International Meeting 2002 - Chicago**

The 2002 ASAE International Meeting is being held jointly with CIGR in Chicago and will be hosted by the Central Illinois, Chicago and Quad City Sections. The dates are July 28 - 31 and it will be held at the Hyatt Regency Chicago. Mark your calendars!

**5th Annual Quarter Scale Tractor Student Design Competition Set**

The fifth annual Quarter Scale Tractor Student Design Competition is set for May 31 - June 2 in East Moline, IL. To date 31 teams are registered this year. The Competition is primarily supported through donations, both monetary and in-kind. If you would like to support this exciting event, please contact Mark Crossley at [crossley@asae.org](mailto:crossley@asae.org). Also, the Third Annual Past Presidents Tractor Pull will be held once again at the Annual International Meeting in Chicago, July 28 - 31, 2002. Hope to see you there! For more details on the competition, please see the ASAE Web site at <http://www.asae.org/students/tractor/asaecomp.html>.



**New Scholarship Available**

ASAE Preprofessional members are encouraged to apply for the ASAE Foundation Scholarship, offered for this first time this year. The need-based scholarship is available to all upper-class ASAE student members enrolled in an accredited US or Canadian agricultural or biological engineering program who can verify eligibility, upon graduation, for the PE licensing examination. For further details on this ASAE scholarship and others, see <http://www.asae.org/membership/studentmanual.html>. Remember students may apply for more than one scholarship; however, ASAE will grant only one scholarship to any individual student per academic year.

**New Advertising Opportunity on the ASAE Technical Library**

A new Products and Services listing on the ASAE Technical Library allows highly targeted advertising, matching Web users with suppliers of the goods and services of interest to them. For a small fee, companies can be included in an advertiser database that is scanned whenever a Web user performs a search of the Technical Library. When there is a match between the company-supplied key words and the user's query, a listing appears on the top of the search results screen. For instance, a company selling dataloggers would see their listing displayed in the Products and Services box above the document titles displayed when someone searched for information on datalogger or any of the related key words recorded for that company. The listing includes a brief description of their products and services and a link to their Web site. For more information contact Donna Hull at [hull@asae.org](mailto:hull@asae.org).

<b>2001 ASAE Nominations for WI Section Officers</b>
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**Vice Chair-Program** (Chair Elect)  
(vote for one)

Bob Pofahl  
 \_\_\_\_\_

**Career Development Committee**  
(vote for three)

John Roll  
 Jeff Marggi  
 Kurt Krueger (chair)  
 \_\_\_\_\_

**Secretary/Treasurer**  
(vote for one)

Todd England  
 \_\_\_\_\_

**Vice Chair-Awards**  
(vote for one)

Bob Loehr  
 \_\_\_\_\_

**Vice Chair-Membership**  
(vote for one)

Aaron Wittmer  
 \_\_\_\_\_

**Vice Chair-Public Relations**  
(vote for one)

Andy Jacobsen  
 \_\_\_\_\_

**Nomination Committee**  
(vote for two)

Brian Hitt  
 Damion Babler

Please fill out this ballot and return it to the address below by **Tuesday, March 5**.  
Officers will be announced at the Section Meeting on Wednesday, March 13.

**Todd England**  
**J-Star Industries**  
**801 Janesville Ave**  
**Fort Atkinson, WI 53538**  
**Phone: 920-563-5521**  
**Fax: 920-563-2494**  
**Email: todd.england@jsimail.com**

<p><b>Registration Form</b>  <b>Wisconsin Section ASAE Meeting</b>  <b>Wednesday, March 13<sup>th</sup></b>  <b>Ag Expo</b></p>
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*Mail or fax this form, or reply by e-mail, by Tuesday, March 5, 2002.*

*Price is \$20.00 per member/guest and free for students.*

**Todd England**  
**J-Star Industries**  
**801 Janesville Ave**  
**Fort Atkinson, WI 53538**  
**Phone: 920-563-5521**  
**Fax: 920-563-2494**  
**Email: todd.england@jsimail.com**

<i>Name</i>	<i>Organization</i>	<i>Phone</i>

Please fill in blanks and enclose payment. Checks payable to *Wisconsin Section ASAE*.

# Members/Guests: \_\_\_\_\_ x \$20.00 each = \$ \_\_\_\_\_

# Students: \_\_\_\_\_ x \$00.00 each = \$ 0.00 \_\_\_\_\_

Total Attending: \_\_\_\_\_ Total Enclosed = \$ \_\_\_\_\_

**\*\* If you make a reservation but cannot attend the meeting, you will still be responsible for the registration fee since we need to give the restaurant an attendance amount prior to the day of the meeting. \*\***