

Newsletter Highlights

- Fall Meeting Info
- ASAE Opportunities
- Secretary / Treasurer's Report
- New ASAE members
- Call for Officer & Award Nominations
- Meeting Registration-Complete & Send

ASAE WISCONSIN SECTION

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



*The Society for engineering
in agricultural, food, and
biological systems*

www.asae.org

NOVEMBER 2003

2003-2004 Editor: Damion Babler
email: dbabler@gehl.com

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ASAE WI Section 2003-2004

Chair

Bob Pofahl
Resource Engineering Assoc.
(608)831-6563

2002-2003 Past Chair

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

Vice Chair Program (Chair-Elect)

Dave Kammel
University of Wisconsin-Madison
(608) 262-9776

Vice Chair Awards

Jacob Holl
Weasler Engineering, Inc
(262)-338-2161

Vice Chair Membership

Aaron Faessler
McFarlane Mfg.
(608)643-3321

Vice Chair Public Relations

Damion Babler
Gehl Company
(262)334-9461

Vice Chair Career Development

Kurt Krueger
Gehl Company
(262)334-9461

Secretary and Treasurer

Brian Hitt
John Deere Horicon Works
(920)485-5689

WISCONSIN SECTION MEETING WEDNESDAY, DECEMBER 3 Lake Front Brewery/ Brown Bottle Pub

The ASAE Wisconsin Section Meeting will be held on Wednesday, December 3 with a tour of the Lake Front Brewery – voted “Best Brewery Tour in Milwaukee” by Milwaukee Magazine.

The Program Speaker will be Aicardo Roa-Espinosa, Dane County Urban Conservationist and visiting professor in BSE. He will discuss Tri-PAM Application for Dust Mitigation in Helicopter Operations and show the video developed by the military for the project in Iraq.

The dinner will be held at the Brown Bottle Pub with a Social gathering before the speaker. Dinner will be served at 6:30 followed by the business meeting.

Meeting Schedule:

- 4:00 Tour Lake Front Brewery**
- 5:00 Social Hour**
- 5:30 Aicardo Roa-Espinosa – Speaker**
- 6:30 Dinner**

Information / Directions to Tour & Brown Bottle Pub

Wednesday, December 3, 2003

Tour: 4:00 PM Cost: \$5.00 per person (No cost to Students)

Lake Front Brewery, 1872 North Commerce Street, Milwaukee, WI 53212.

Phone: 414 372-8800. Here is your chance to get a close up and personal tour of Milwaukee Magazine's vote for the "Best Brewery Tour in Milwaukee".

Web Site: <http://www.lakefrontbrewery.com/>

Directions: Exit 145 East at 4th Street. Go east on Juneau Ave. to Water St. Turn left and head north on Water St. to Pleasant St. Turn Left. Cross over bridge and proceed to Commerce Street. Turn right. Brewery is on the river just before the Holton St. Bridge.

Program Speaker: 5:30 PM

Aicardo Roa-Espinosa, Dane County Urban Conservationist and visiting professor in BSE will discuss Tri-PAM Application for Dust Mitigation in Helicopter Operations and show the video developed by the military for the project in Iraq.

Dinner: 6:30 PM Cost: \$12.00 per person (No cost to Students)

Drinks will be on cash basis at the bar.

Brown Bottle Pub, 221 W. Galena Ct., Milwaukee, WI 53212

Phone: (414) 271-4444. Web Site: <http://www.foodspot.com/brownbottlepub/index.html>

Directions from Lake Front Brewery: Start out going Southwest on N COMMERCE ST toward E DOCK ST. Turn LEFT onto E PLEASANT ST. Turn RIGHT onto N RIVERCENTER DR. Turn RIGHT onto W CHERRY ST. Turn RIGHT onto N 2ND ST. Turn LEFT onto W GALENA ST.

Great Opportunities in ASAE Wisconsin Section

Join the Wisconsin Section of ASAE and be part of a society that promotes the agricultural engineering profession.

Being an ASAE member has many benefits. The organization provides a gateway to a large knowledge base. Members receive *Resource* magazine, a monthly publication covering the latest in agricultural engineering, as well as providing information about the national ASAE organization. The ASAE web site (www.asae.org) provides an extensive technical library and the ASAE standards publication.

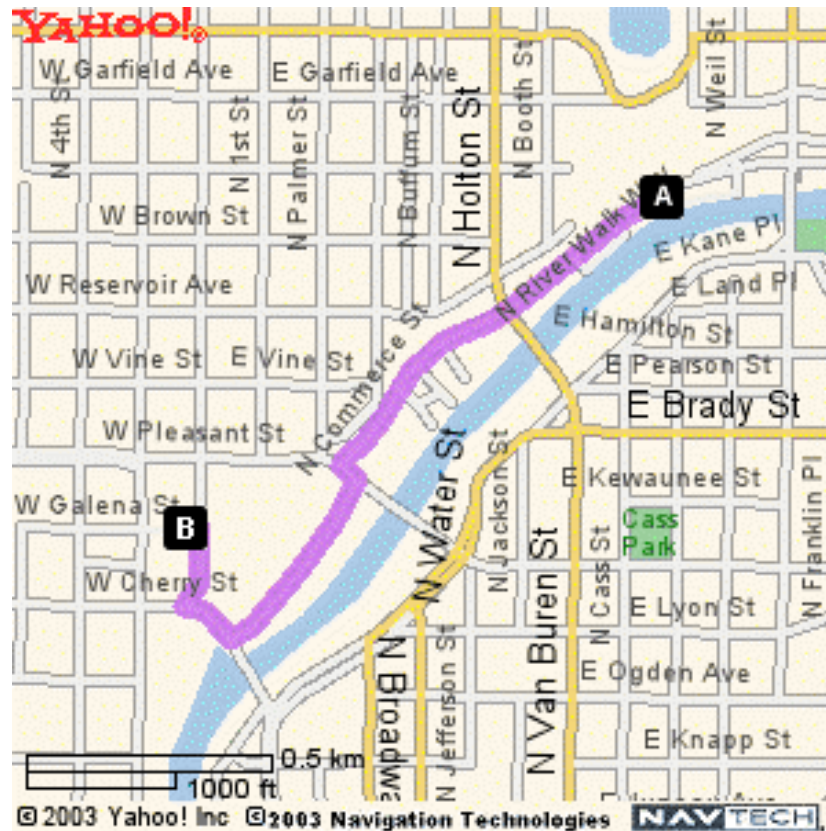
ASAE also promotes student involvement. Students are encouraged to attend the section meetings and the pre-professional group on campus. It is an excellent opportunity for students to get a closer look at and learn about the profession they are studying to be a part of. Networking with other members can be an important asset when the time comes for interviewing for internships or full-time employment. Plus, there are several scholarships available for students involved in ASAE.

Section meetings are typically held three to four times a year and include a plant tour, a guest speaker and dinner. Meetings provide an opportunity to learn about industries and other professions within the section. They also serve as an excellent venue for networking with other section members.

The Wisconsin section currently has 294 members at 138 different businesses and universities throughout Wisconsin and northern Illinois.

If you are interested in becoming a member or would like additional information about the society and the Wisconsin section, please e-mail Aaron Faessler at aaronf@flexharrow.com.

Wednesday, December 3
Fall Meeting of the WI Section of ASAE at
Lake Front Brewery, 1872 North Commerce Street (A)
Brown Bottle Pub, 221 W. Galena Street (B)

**Directions**[Show Turn by Turn Maps](#)

1. Start at **1872 N COMMERCE ST, MILWAUKEE** on **N COMMERCE ST** - go **0.5** mi
2. Left turn on **E PLEASANT ST** - go **< 0.1** mi
3. Right turn on **N RIVERCENTER DR** - go **0.3** mi
4. Right turn on **W CHERRY ST** - go **0.1** mi
5. Right turn on **N 2ND ST** - go **0.1** mi
6. Left turn on **W GALENA ST** - go **< 0.1** mi
7. Arrive at **221 W GALENA ST, MILWAUKEE**

Secretary's Report

July 11, 2003

Wisconsin Section ASAE

The spring meeting of the Wisconsin Section American Society of Agricultural Engineers was held on April 2, 2003 in Oshkosh, WI. The meeting was held in conjunction with the Wisconsin Public Service Farm Show.

59 people attended the meeting, which included 24 guests and students from UW-Madison & UW-River Falls.

Before dinner, Bob DeDlois with Algoma Ethanol LLC., gave a presentation summarizing the ethanol production process and describe the ever increasing demand for ethanol production.

Brian Holmes called the meeting to order at 7:05 p.m.

1. Guests and students were introduced.
2. Todd England gave a brief secretary's report. As of March 1, 2003, the Wisconsin Section had a balance of \$8200.79.
3. Dave Bohnhoff reported that the Wisconsin Section ASAE web site will be up and running by the end of 2003.
4. Damion Babler announced the election results for the 2003-2004 slate of officers.

Section Office	Name
Chair	Bob Pofahl
Past Chair	Brian Holmes
Vice Chair-Program	Dave Kammel
Secretary-Treasurer	Brian Hitt
Vice Chair-Public Relations	Damion Babler
Vice Chair-Awards	Jacob Holl
Vice Chair-Membership	Aaron Faelser
Career Development Committee	Kurt Krueger – Chair Jeff Marggi (1 st year) John Roll (2 nd year)
Nominating Committee	Bob Loehr Daniel Pederson.

6. The following 2002 awards were presented:
 - Agricultural Engineering Technology Student of the Year - Luke Young (UW – River Falls)
 - Agricultural Engineering Undergraduate Student of the Year- Julie Graham (UW - Madison)
 - Agricultural Engineering Graduate Student of the Year- Joshua Bacon & Benjamin Binversie (UW – Madison)
 - Career Achievement Award- Mr. Keith Behling
 - Wayne G. Russel Award- Mr. Bill Knight (Kuhn-Knight)
7. Chair Brian Holmes presented a written request by the UW-ASAE Preprofessionals in which they were seeking financial support to help defray the cost of participating in the ASAE International meeting this summer in Las Vegas. Bob Pofahl made the motion that Wisconsin Section of ASAE support the students who are ASAE members by allotting them up to \$300 per student not to exceed a total amount of \$2400.00. The motion was seconded, motion passed.

The meeting was adjourned at 8:05 pm.

Respectfully Submitted,
Todd England
Wisconsin Section ASAE Secretary 2002-2003

Secretary's Report

July 17, 2003

Wisconsin Section ASAE

The summer meeting of the Wisconsin Section American Society of Agricultural Engineers was held on July 16, 2003 in Symco, WI. The meeting was held in conjunction with the Wisconsin Farm Technology Show.

Before dinner, a presentation was given on the ever-changing Agricultural Tractor and Machinery companies. The presentation went thru the history of many of the mergers that have taken place between companies.

Bob Pofahl called the meeting to order at 7:00 p.m.

1. Guests and students were introduced.
2. Damion Babler gave a brief secretary and treasurer's report.
3. Brian Holmes gave a thank you on behalf of the students that will be making the trip to the ASAE International meeting, for the support of the Wisconsin Section in defraying their cost.
4. Wisconsin Section ASAE long-term members (30,40,50 years) were recognized.
5. Bob Pofahl discussed the meeting of all ASAE officers in the next couple of weeks, to plan out the rest of the year and get dates set. Dave Kammel will be contacting all officers.
6. Ron Schuler brought up discussion about doing something as an organization in collaboration with next years celebration of 100 years of the UW-Madison Ag. Engineering Organization.

Meeting was adjourned at 7:10 pm

Respectfully Submitted,
Damion Babler on behalf of Brian Hitt
Wisconsin Section ASAE Secretary 2003-204

Treasurer's Report March 1, 2003 – October 31, 2003

Opening Balance – March 1, 2003 **\$8200.79**

Inflows (Income):

• 4/28/2003	Deposit- Cash for April 2003 meeting	\$50.00
• 4/28/2003	Deposit- April 2003 meeting	\$613.00
• 4/28/2003	Deposit –National ASAE dues	\$166.00
• 10/31/2003	Deposit—WI Section Dues (from ASAE)	\$480.00

Total:
\$1309.00

Outflows (Expenses):

• 3/31/2003	Student Awards – 4 awards winners @ \$150.00	\$-600.00
• 3/31/2003	Bank fee for money orders for awards-4@\$4.00/ea	\$-16.00
• 3/31/2003	Cash for April 2, 2003 meeting.	\$-50.00
• Check #495	Sears – Certificates for meeting speaker & trivia prize	\$-40.00
• Check #496	Bob Loehr- reimburse for 11/6/2003 trivia prize	\$-38.00
• Check #497	Bob Loehr – Plaques for student awards.	\$-72.63
• Check #498	LaSures Hall Banquet – April 2003 meeting	\$-893.94
• 4/14/2002	Bank Service Charge – Return checks	\$-2.00
• 5/14/2003	Bank Service Charge – Return checks	\$-2.00
• 10/31/2003	Brian Hitt—ASAE Officer Meeting/Dinner	\$-128.42
• 10/31/2003	Student Support for ASAE International Meeting	\$-2400.00
• 10/31/2003	David Kammel—student meals at Summer Meeting	\$-21.00

(Total:
\$4263.99)

Balance – October 31, 2003 **\$ 5245.80**

Respectfully Submitted,
Todd England and Brian J. Hitt

New ASAE Members

Wisconsin Section of ASAE would like to welcome the following new / transferred members:

Johnson	Andrew	Marathon County, Land Conservation Dept
Connelly	Robin	Univ of Wisconsin
Corry	Michael	Wisconsin Department of Commerce
Walsh	Patrick	Univ of Wisconsin

October 2003 chapter changes

Detra	Kelly	Fleetguard Inc
Moss	Daniel	Association of Equipment Manufacturers

Call for Officer Nominations

Call for nominations of 2004 ASAE WI section officers. The following positions will need to be filled –

Vice Chair-Program
 Career Development
 Secretary/Treasurer
 Vice Chair-Awards
 Vice Chair-Membership
 Vice Chair-Public Relations
 Nominating Committee

If you know someone who would be capable of fulfilling one of these positions and would like to nominate them, please contact

Bob Loehr - LoehrRobertJ@JohnDeere.com or

Daniel Pederson - dpederson@waltersbuildings.com .

Request for Wisconsin Section Award Nominations

Contact: Jacob Holl

Each year the Wisconsin Section of the ASAE recognizes outstanding achievement during award presentations at its spring meeting. Wisconsin Section awards scheduled to be given in 2004 include the Agricultural Engineering Career Achievement Award, the Agricultural Engineering Student Of The Year, the Agricultural Mechanization/Engineering Technology Student Of The Year, the Agricultural Engineering Graduate Student Of The Year, and the Wayne G. Russell Award.

Although deadline for nomination of these awards is **January 30th**, now is the time to begin submitting nominations. Please realize that without your recommendations and assistance, those most deserving of our awards may go unrecognized.

The purpose, eligibility and nomination procedures for each award follow. All nominations/suggestions should be forwarded to **Jacob Holl**, this year's Vice Chair of Awards.

Jacob H. Holl
Weasler Engineering, Inc.
Applications Engineer
PO Box 558
West Bend, WI 53095
(262) 338-2161 phone
(262) 338-3709 fax
hollj@weasler.com

Wisconsin Section of the ASAE AGRICULTURAL ENGINEERING YOUNG ENGINEER AWARD

Purpose

To honor a young Wisconsin Section member for outstanding contributions to the advancement of the Agricultural Engineering profession. The selection will be based on a candidate's total accomplishments as an engineer and not just on their activities during the past year.

Eligibility

The recipient must be a member of the Wisconsin Section of the ASAE in good standing and under the age of 40 as of January 1st of the year in which the award is presented.

Nomination Procedures

Nominations can be made by an individual (member or nonmember), group, company, or organization. Suggested data and areas of activity to be considered in preparing a nomination include:

1. Candidate's name, address and phone number.
2. Employment history.
3. Activities in ASAE. Offices held, committee activity, special awards, special duties, Section activities, etc.
4. Activities and membership in other professional and scientific societies or organizations. Membership, offices held, committee activities, special awards, special assignments, etc.
5. International professional activities.
6. Registration as a professional engineer.
7. Accomplishments. Patents held, research development, methods and procedures developed, responsibilities in the development of equipment, structural systems, conservation methods, food processes, etc.
8. Publications, lectures, addresses, professional and scientific papers, books, bulletins, industrial publications and magazine articles.
9. Other desirable qualifications not included in the above suggestions.

** A cover letter from the nominator, not to exceed 400 words, should be added to the above information summarizing the reasons for the nomination.

Wisconsin Section of the ASAE AGRICULTURAL ENGINEERING STUDENT OF THE YEAR

Purpose: To honor an undergraduate Agricultural Engineering student for achievement in preparation for a career in the profession.

Eligibility: The recipient must be enrolled in an Agricultural Engineering program, must be a member of an authorized ASAE Student Branch, a national member (student or otherwise) of the ASAE, and must be making satisfactory progress toward a Bachelor's degree (as determined by the Student Branch faculty advisor). Students who have graduated prior to January 1 of the year in which the award is to be made are not eligible.

Nomination Procedures: To be considered for this award, the candidate must submit a maximum of a one page typewritten summary describing the following:

1. ASAE Student Branch activities,
2. Campus wide activities and community service,
3. Scholastic achievement, and
4. Career goals.

The four areas within the summary will be equally weighted by the selection committee.

Wisconsin Section of the ASAE AGRICULTURAL MECHANIZATION/ENGINEERING TECHNOLOGY STUDENT OF THE YEAR

Purpose: To honor an undergraduate student enrolled in an Agricultural Engineering Technology, Agricultural Mechanization, or Agricultural Mechanization and Management program for achievement in preparation for a career in the profession.

Eligibility: The recipient must be enrolled in an Agricultural Engineering Technology, Agricultural Mechanization, or Agricultural Mechanization and Management program, must be a member of an authorized ASAE Student Branch, a national member (student or otherwise) of the ASAE, and must be making satisfactory progress toward a Bachelor's degree (as determined by the Student Branch faculty advisor). Students who have graduated prior to January 1 of the year in which the award is to be made are not eligible.

Nomination Procedures: To be considered for this award, the candidate must submit a maximum of a one page typewritten summary describing the following:

1. ASAE Student Branch activities,
2. Campus wide activities and community service,
3. Scholastic achievement, and
4. Career goals.

The four areas within the summary will be equally weighted by the selection committee.

Wisconsin Section of the ASAE AGRICULTURAL ENGINEERING GRADUATE STUDENT OF THE YEAR

Purpose: To recognize an Agricultural Engineering graduate student for singular achievement in developing and/or advancing the technology of engineering for food and agriculture.

Eligibility: The recipient must be a national ASAE member (student or otherwise) and must be making satisfactory progress toward a Masters or Ph.D. degree, or have recently completed said degree requirements. Students who have graduated prior to July 1 of the year previous to the year in which the award is to be made are not eligible.

Nomination Procedures: To be considered for this award, candidates must submit a two page type written summary. The first page should contain the following data:

1. Candidate's Name, Address, and Current Position,
2. (10%) Professional Activities (summary of candidates involvement in ASAE and other professional activities at a local, state, national, and/or international level),
3. (15%) Scholastic Achievement,
4. (10%) Publications and Presentations (list of lectures, addresses, professional and scientific papers, bulletins, magazine articles, etc.), and
5. (5%) Career Goals.

The second page, entitled "Research Description" should contain:

1. (10%) The Nature of the Problem (an introduction to the research and description of the problem(s) to be solved)
2. (25%) Solution Procedures (a description of: experimental procedures, methods used, and/or approaches taken to solve the problem(s))
3. (25%) Research Conclusions and Significance of the Results.

Pages 1 and 2 of the written summary will be weighted by the selection committee according to the percentages given in the parentheses.

WAYNE G. RUSSELL AWARD

Purpose: To recognize an individual or organization demonstrating exceptional commitment to helping the Wisconsin agriculture industry adopt new electric technology, farmstead mechanization and farm equipment. The award is named after the late Wayne G. Russell, former Rural Promotion Manager for Wisconsin Power & Light, who formulated the idea for the Electric Power and Equipment Farm Show in the late 1950's. Through Mr. Russell's efforts, the show has grown to become one of the most successful indoor farm equipment shows in the country. The award is co-sponsored by Wisconsin Power & Light and the Midwest Farm Equipment Association.

Eligibility: There are no specific eligibility requirements.

Nomination Procedures: Nominations can be made by an individual (ASAE member or nonmember), group, company, or organization. All nominations should be accompanied by a type written summary (maximum length of two pages) describing the candidates major contributions to Wisconsin's agricultural industry.

Registration Form
Wisconsin Section ASAE Meeting
Wednesday, Dec. 3rd
Lake Front Brewery/ Brown Bottle Pub

Mail or fax this form, or reply by e-mail, by Wednesday, November 26, 2003.

Brewery Tour \$5.00 per person (no cost to students)

Dinner \$12.00 per person (no cost to students)

Dinner will include choice of soup du jour or chili and choice of hamburger or turkey burger served on an onion Kaiser roll, with lettuce, tomato and onion.

Choose Sandwich: _____ Hamburger _____ Turkey Burger

RSVP for tour and dinner choice by email, phone or fax: David W. Kammel dwkammel@wisc.edu,
 phone:(608)262-9776 fax: (608) 262-1228

<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 Tour \$5.00 each = \$ _____

Members/Guests: _____ x Dinner \$12.00 each = \$ _____

Students: _____ x Tour \$00.00 each = \$ __0.00__

Students: _____ x Dinner \$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. ****

Registration Form (Revised)
(Price lowered from \$20.00 to \$16.00)
Wisconsin Section ASAE Meeting
Wednesday, April 2, 2003
WPS Farm Show/ Ethanol production

Mail or fax this form, or reply by e-mail, by Wednesday, March 26, 2003.

Price is \$16.00 per member/guest and no cost to students if they pre-register.

Todd England
J-Star Bodco, Inc
801 Janesville Ave
Fort Atkinson, WI 53538
Phone: 920-568-6260
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 \$16.00 each = \$ _____

Students: _____ x \$0.00 each (Only if pre-registered by deadline)

Total Attending: _____ Total Enclosed = \$ _____

ASAE Wisconsin Section Meeting
Wednesday July 16, 2003

The summer ASAE Section Meeting will be held on Wednesday, July 16 in conjunction with the Wisconsin Farm Technology Days in Waupaca County. There will be a picnic dinner in conjunction with the WALSAA Picnic at Symco. The meal will be served from 3:30 PM - 7:30 PM The cost is \$7/person and students are free. The menu includes a Wisconsin cookout of brats, burgers, salads, cake, beer, soda and coffee. No reservations are needed.

The location is the Union Town Hall, E 6592 Hwy 22 located in Symco. See map below.

Meeting schedule:

3:30-6:30 social and dinner

6:30 Business Meeting

7:00 Guest Speaker: Dale Swoboda, ***"The Changing Farm Equipment Industry: A History of US and Wisconsin Companies"***

Dale Swoboda is semi retired City of Two Rivers water foremen. He owns a 5th generation farm in Kewaunee and is a lover and historian of agriculture. Dale is involved with the non profit Agricultural Heritage and Resources Inc. located in Kewaunee County. Check them out at <http://www.agriculturalheritage.com>. AHR owns and manages "Heritage Farm" an 1876 Czech homestead and the Farm Market Kitchen in Algoma which is used by local producers to process their products. AHR also is the host of the Smithsonian traveling exhibit "Barn Again" which they graciously shared with Waupaca County for the Farm Technology Days week.

