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ASABE 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.asabe.org

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WISCONSIN SECTION MEETING WEDNESDAY, FEBRUARY 21ST UW HANCOCK AGRICULTURE RESEARCH STATION

The ASABE Wisconsin Section meeting will be held on Wednesday, February 21st. We will be touring the Potato Storage Research Facility at the Hancock Agricultural Research Station.

The UW Hancock Agricultural Research Station is located in the central sands region of central Wisconsin and consists of about 300 acres of sandy soils. The station is primarily used for irrigated vegetable crop research in sandy soils. One of the major research crops is potatoes. In 2006 a potato storage research facility was constructed at the station by the Wisconsin Potato and Vegetable Growers Association to support research on potato and vegetable storage issues. Chuck Kostichka, station superintendent, will lead us on a tour of how this facility came to be and what we hope to learn, along with some history and the mission of the Hancock Ag Research station. Ever wondered how you can get fresh potatoes in May or June, this tour will answer the question.

Following the tour, we will be having dinner at 5:30 at the Silvercryst resort. This historic resort was established in 1894 and sets on Silver Lake nestled in a pine grove. At 6:00, Ken Williams, UW-Waushara County Agricultural Extension Agent, will discuss Wisconsin's Vegetable Basket – Past, Present, and Future. This will be followed by a brief meeting to discuss any new business.

Schedule of Events

UW Hancock Agricultural Station Tour: 2:30 – 4:30 pm
N3909 County Road V, Hancock, WI 715-249-5961

Directions: From I-39 / 51, exit 131, Hancock, head West (left turn if exiting northbound I-39), turn left / South on County Road V (first intersection past I-39 overpass), Station will be about 1 mile on right.

ASABE Dinner / Presentation / Meeting

Silvercryst, W7015 Hwy 21 East, Wautoma, WI 1-800-358-9663
3 miles east of Wautoma on Hwy 21 - look for Black Angus

Direction from HARS: Turn Right on V (south), Turn left on C – 13 miles, Turn right on WI-73 (WI-73 merges with WI-21 in Wautoma) – 3 miles, stay on WI-21, Silvercryst 1 mile past intersection of WI-73 & WI-21.

Directions from I-39 @ Coloma: WI-21 east - 13.5 miles, left on WI-21/WI-22 in Wautoma – ½ mile, Right on WI-21 / WI-22 / WI-73 – 3.5 miles to Silvercryst.

Social time: 4:45 pm (cash bar)

Dinner: 5:30 pm

Program Speakers: 6:00 pm

Ken Williams, UW-Waushara Co Agricultural Extension Agent
Topic: Wisconsin's Vegetable Basket – Past, Present, and Future

Business Meeting

Adjourn

Secretary's Report

October 4, 2006

Wisconsin Section ASABE Meeting

The fall meeting of the ASABE Wisconsin Section was held on Oct. 4, 2006 at the Alliant Energy Center in Madison, WI in conjunction with the World Dairy Expo Show. Ms. Leanne Ketterhagen, Manager of Communications & Marketing for the Wisconsin Livestock Identification Consortium gave a presentation titled "Premise ID and Individual Animal ID" as part of the Section meeting. Following this presentation, there was a round-table discussion on "How Will Individual ID Requirements Affect Current Information Systems Used In the Dairy Industry" chaired by Dr. David Reid (Director of Milk Harvest, Science and Technology, Bou-Matic LLC) and Kyle Knoff (R&D Team Leader, Electronics and Controls, WestfaliaSurge).

1. The meeting was called to order at 7:25 PM by Bob Loehr. Students and guests were introduced. There was a special appreciation for Scott Sanford for his role in planning the program for the fall meeting and recognition for Paul Thompson for organizing a tour of the Bou-matic facility in Madison.
2. The opening and closing balance was read and a call for an approval of the Treasurer's Report as printed in the newsletter. The motion was made and seconded.
3. A call was made to approve the Secretary's Report as written in the newsletter. The motion was made and seconded.
4. **Old Business:** Bob mentioned that the "Student Funds Request Form" will be sent to the students to obtain feedback and the final version will be included in the January 2007 newsletter.
5. **New Business:** Bob indicated receiving a check for \$380 towards section dues from the National chapter. Ideas were discussed for the spring 2007 meeting including visiting a Discovery Farm. Other tour suggestions would be welcome as well.
6. The meeting was adjourned at 7:35 pm.

Treasurer's Report August 11 thru December 20, 2006

Opening Balance – August 11, 2006 \$6,878.64

Revenue:

<u>Date</u>	<u>From</u>	<u>Memo</u>	<u>Amount</u>
Oct-4	July Section Meeting Dues		\$640.00
Oct 4	National Section Reimbursement (Section dues rebate)		\$380.00

Total: \$1020

Expenses:

<u>Date</u>	<u>To</u>	<u>Memo</u>	<u>Check #</u>	<u>Amount</u>
Oct-4	The Coliseum Bar	Section Meeting Dinner	548	\$422.13
Oct-4	The Coliseum Bar	Section Meeting Dinner	Cash	\$380.00
Oct-4	Bob Loehr	Gift Cards for Speakers	547	\$60.00

**Total:
\$862.13**

Closing Balance – December 20, 2006 \$7036.51

WI Section ASABE Budget

Below is the 2006 budget compared to the year-to-date tracking for each of the categories listed.

<u>Category</u>	<u>2006 Budget</u>	<u>2006 YTD</u>
Awards	\$600.00	\$625.34
Misc	\$50.00	\$0.00
National Dues	\$1,950.00	\$1971.00
Officer Meeting	\$150.00	\$112.83
Section Meeting Dues	\$2,500.00	\$2413.00
Section Meeting Exp	\$2,500.00	\$2901.16
Speaker Gift Certificate	\$150.00	\$60.00
Student Support	\$650.00	\$400.00
Total Revenue	\$4,450.00	\$4,384.00
Total Expenses	\$4,100.00	\$4,099.33
Account Gain / Loss	\$350.00	\$284.67

Respectfully Submitted,
K.G. Karthikeyan
Wisconsin Section ASABE Treasurer 2006-2007

What Resources Do You Have?

It has been said, time and time again, that the only thing that remains constant is change. In these ever changing times that we live in, we need to be flexible, and be able to adapt to the situations that present themselves in our everyday lives. Some of these situations are going to be very easy to get thru, while others will challenge us, forcing one to make choices. How do we best position ourselves to react to the circumstances, or if you're a company, to the market? A lot of opportunity lies in the resources that are available and how you use them.

One such resource is the American Society of Agricultural and Biological Engineers(ASABE). ASABE is an educational and scientific organization committed to the advancement of engineering in agricultural, food, and biological systems. The group has a mission of facilitating the exchange of technical information and promoting the science and art of engineering in the aforementioned areas. The Wisconsin section of ASABE is made up of members from all parts of industry. Being a member of such an organization, gives one many opportunities. For example, networking with many of these individuals. Individuals who may at some point in your career be a colleague or hold the key to solving a situation. You can also become involved in one of the many committees, who are writing new standards for industry as technology is ever progressing. You have full access to the organizations website, which has many resources on it - Member Services, the Career Center, Standards, Journals and other publications, Awards, Forums, etc. I have only briefly touched on a few of the many things the ASABE has to offers its members. All of these are resources that can be used for your continual development as an engineer and your advancement in the field.

Respectfully submitted by,

Damion Babler
Vice Chair Membership
ASABE Wisconsin Section

<p style="text-align: center;">“Call for Section Award Nominations” Contact: Matthew Digman</p>

Each year the Wisconsin Section of the ASABE recognizes outstanding achievement during award presentations at its spring meeting. Wisconsin Section awards scheduled to be given in 2007 include the 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 **February 16th**, 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 **Matthew Digman**, this year's Vice Chair of Awards.

Matthew Digman
U.S. Dairy Forage Research Center
USDA-ARS
1925 Linden Drive West
Madison, WI 53706
Phone: 608/890-1320
Fax: 608/890-0076
digman@wisc.edu

WISCONSIN SECTION OF ASABE AGRICULTURAL ENGINEERING CAREER ACHIEVEMENT AWARD

Purpose: To honor a Wisconsin Section member who has made outstanding contributions to Agricultural Engineering through work in research, education, design, and/or extension. Selection will be based on the candidates lifetime accomplishments as an engineer.

Eligibility: The recipient must be a member of the Wisconsin Section of the ASABE in good standing. The award is intended for an individual approaching the twilight of their career or an individual who has recently retired.

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 including titles and duties.
3. Activities in ASABE. 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 ASABE 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 ASABE Student Branch, a national member (student or otherwise) of the ASABE, 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 1st 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. ASABE 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 ASABE AGRICULTURAL MECHANIZATION/ENGINEERING 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 ASABE Student Branch, a national member (student or otherwise) of the ASABE, 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 1st 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. ASABE 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 ASABE 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 ASABE 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 ASABE 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.

Wisconsin Section of ASABE **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 (ASABE 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
UW HANCOCK AGRICULTURE RESEARCH STATION
FEBRUARY 21ST, 2007

	Number Attending	Cost	Total
UW Hancock Tour	_____	Free	
Dinner – 5:30pm (Select chicken/ribs or vegetarian meal)		\$20.00/person students free	
Chicken/Ribs	_____		_____
Vegetarian	_____		_____
		TOTAL	\$ _____

Name(s): _____

Address: _____

City/Town: _____ State/Zip _____

Telephone: (____) _____ - _____ FAX: (____) _____ - _____

e-mail: _____

Return completed form by **February 15th** to:

Scott Sanford
 ASAE Wisconsin Section, Program Chair
 c/o **Biological Systems Engineering**
UW-Madison
 460 Henry Mall
 Madison, WI 53706
 Phone - (608) 262-5062
 Fax - (608) 262-1228
 Email – sasanford@wisc.edu