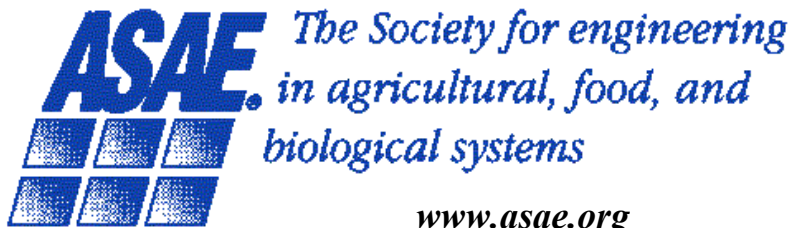


- Fall Meeting Tour and Info
- Message From the Chair
- Call for Award Nominations
- Past ASAE International Meeting Volunteers

## ASAE WISCONSIN SECTION



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

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

**October 2000**

2000-2001 Editor: Brad Igl  
email: [IglBradleyR@JohnDeere.com](mailto:IglBradleyR@JohnDeere.com)

*Published Three Times Per Year*

### **ASAE WI Section 2000-2001**

#### **Chair**

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

#### **1998-1999 Past Chair**

Al Geisthardt  
Jack Walters and Sons, Corp.  
(414) 629-5521

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

Bill Nelson  
Bou-Matic  
(608)222-3484

#### **Vice Chair Awards**

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

#### **Vice Chair Membership**

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

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

Brad Igl  
John Deere Horicon Works  
(920) 485-5320

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

Rod Zimmerman  
Miller-St Nazianz Inc  
(920)773-2121

#### **Secretary and Treasurer**

Patrick Pritzl  
Case Corporation  
(414)636-5691

### **Wisconsin Section Meeting Thursday October 12 at Caterpillar Agricultural Products**



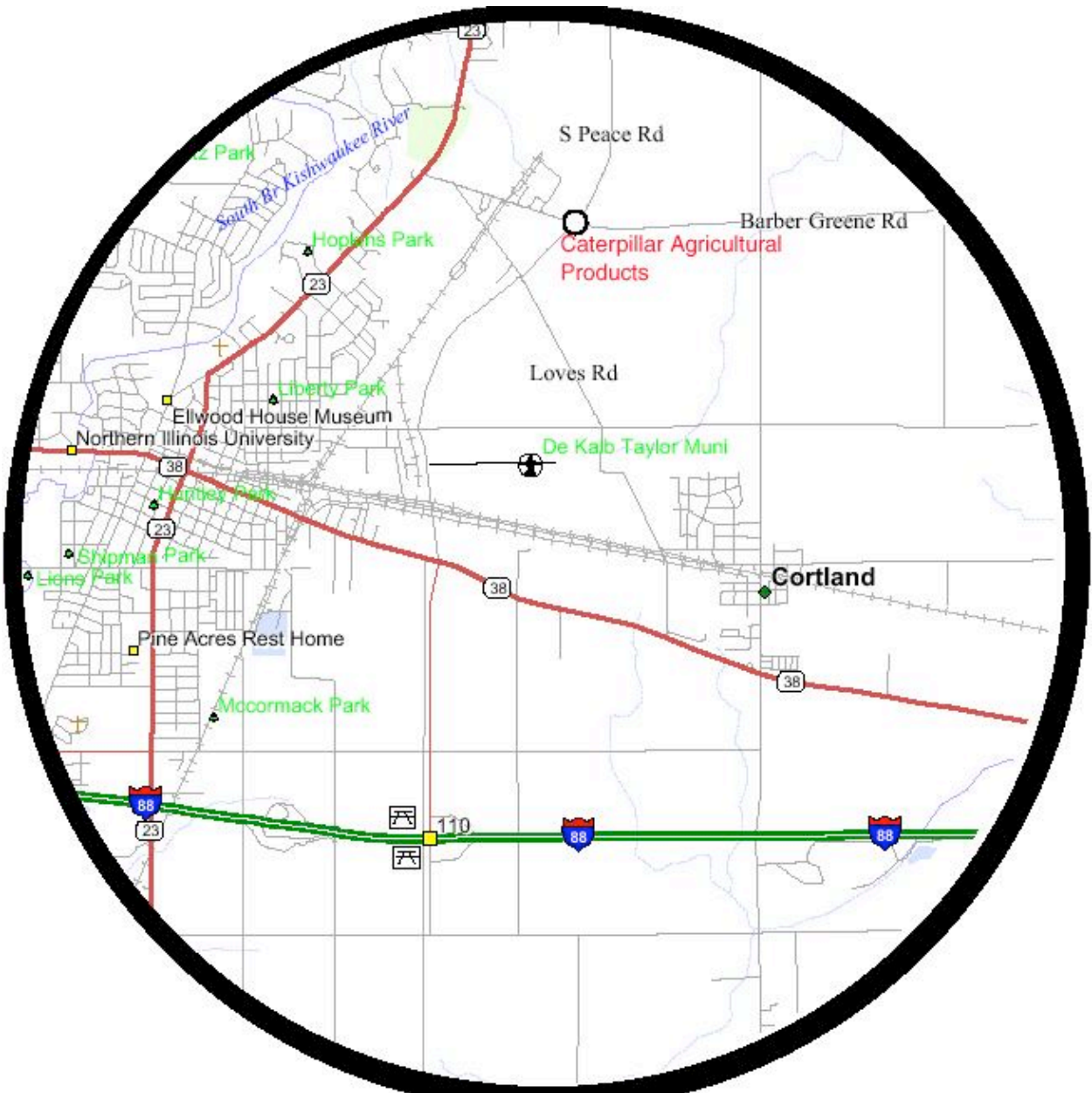
The fall Wisconsin Section ASAE meeting will be held Thursday, October 12 at the Caterpillar Agricultural Products Plant in DeKalb, Illinois. This meeting will be hosted by the Chicago ASAE Section and will be held jointly between the Chicago, Wisconsin, and Central Illinois ASAE Sections. A map showing directions to the plant is given on Page 2.

Headquartered in Peoria, Ill., Caterpillar Inc. is the world's largest manufacturer of construction and mining equipment, diesel and natural gas engines and industrial gas turbines as well as a leader in tracked agricultural tractors. It is a Fortune 100 company, ranked #1 in its industry, with more than \$26 billion in assets.

A U.S. based global competitor, Caterpillar records half of its sales to overseas customers. Caterpillar has maintained its position as a leading U.S. exporter with U.S. exports of \$5.2 billion in 1999.

The Plant in DeKalb, Illinois is where the Agricultural Products Challenger Tractor is built. There will be a factory tour of this facility's assembly line starting at 4:00 p.m., followed by dinner and a business meeting at the same facility.

**Map to Caterpillar Agricultural Products Facility in Dekalb, Illinois**



Bill Nelson will coordinate carpools. Please contact Bill at [bnel@boumatic.com](mailto:bnel@boumatic.com) as soon as possible if you are willing to drive or need a ride. Rides will be on a first come first serve basis depending on availability.

## Message from the Chair

### Mark Purschwitz

This has been a great year for the ASAE Wisconsin Section! We hosted an outstanding ASAE international meeting, and we had excellent turnouts for our section meetings. There is no reason we cannot continue with our success, and as your new Section Chair, I encourage you to get or stay involved one way or another.

We should publicly acknowledge the work of our leadership this past year, and in case you do not recall the names, here they are:

1999-2000 Wisconsin Leadership

Chair: Al Geisthardt

Past Chair: Stu Schlough

Vice Chair Program: Mark Purschwitz

Vice Chair Awards: Gary Bubenzer

Vice Chair Membership: Bob Butler

Vice Chair Public Relations: Brian Hitt

Vice Chair Career Development: Scott Sanford

Secretary-Treasurer: Misty Davis

2000 Annual Meeting: Dick Straub

We thank all of them for their time and effort. I particularly want to acknowledge the work of two of our younger members, Brian Hitt and Misty Davis, for producing those excellent newsletters and for handling all the meeting money and other finances. This is very visible work, and it was appreciated.

Having worked in several different states, I can honestly say that the Wisconsin Section is one of the most active, and has some of the most interesting meetings. Look in the back of the current ASAE roster and see how many sections are listed as inactive. This could happen to us if we do not keep up our involvement, but I am confident we will continue to be a growing group. Our meetings are of interest to non-members, so do not be afraid to invite a colleague.

Let me know if you have any concerns. Here's to a great 2000-2001 year, and see you at the first meeting!

#### WHAT DO THESE PEOPLE HAVE IN COMMON?

Damion Babler, Dave Bohnhoff, Rhonda Bohnhoff, Rachel Bohrer, Tanner Brethorst, Gary Bubenzer, Sandy Bubenzer, Fred Buelow, Robert Butler, Jim Converse, Steve Craig, Misty Davis, Jon Dierauer, Todd England, Paul Eppers, Jon Frey, Al Geisthardt, Jill Grodecki, Sudaram Gunasekaren, George N.P. Hansen, Brian Hitt, Jacob Holl, Jeshua Hansen, Richard Hardesty, Kevin Harper, William Herbst, Brian Huenink, Daryl Jaeger, Gail Jansen, Janice Jansen, Mary King, Dick Koegel, Colleen Madden, Steve Meer, Dan Pederson, Del Pigg, Pat Pritzl, Mark Purschwitz, Ken Ramsey, Bernice Rettler, John Roll, Walter Schlessler, Ron Schuler, Kevin Shinnors, Leah Sibley, Nate Sleiter, Richard Straub, Roger Theil, Roger Villers, Derek Whitelock, Dan Wiereba, Aaron Wittmer, Jon Wuest.

To find out what the above listed people have in common, go to Page 5.

**\*\*\* 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. \*\*\***

## Nominate A Deserving Colleague For One of ASAE's Major Award

### Nominations Due: OCTOBER 31

You know the ones we're talking about – the teacher who inspires greatness, the designer whose products are many cuts above average, the researcher whose work is the foundation for later developments. Those often-unsung heroes and heroines in the engineering profession. It's time to give them the recognition they deserve. For details on how to nominate a colleague for one of the ASAE awards listed below, please refer to the ASAE web page at <http://asae.org/awards/> for instructions on how to prepare nominations of candidates. For further information, please contact Carol Flautt at [flautt@asae.org](mailto:flautt@asae.org) or telephone (616) 428-6336.

**CYRUS HALL McCORMICK-JEROME INCREASE CASE GOLD MEDAL:** Honors exceptional and meritorious engineering achievement in agriculture that has resulted in new concepts, products, processes or methods that advanced the development of agriculture.

**JOHN DEERE GOLD MEDAL:** Honors achievement through engineering for improved manipulation, use and conservation of soil-water resource, and that has resulted in applications of a new concept, product, art or science that advanced the development of agriculture.

**MASSEY-FERGUSON EDUCATIONAL GOLD MEDAL:** Honors those whose dedication to the spirit of learning and teaching in the field of agricultural engineering that has advanced our agricultural knowledge and practice and whose efforts serve as an inspiration to others.

**HENRY GIESE STRUCTURES AND ENVIRONMENT AWARD:** Honors distinguished service in advancing the knowledge and science of agricultural structures and environment.

**HANCOR SOIL AND WATER ENGINEERING AWARD:** Honors contributions to advancement of soil and water engineering. Contributions may be in teaching, research, planning, design, construction, management or development of materials.

**G. B. GUNLOGSON COUNTRYSIDE ENGINEERING AWARD:** Honors outstanding engineering contributions to the development and improvement of the countryside.

**ASAE KISHIDA INTERNATIONAL AWARD:** Honors outstanding contributions to engineering-mechanization-technological programs of education, research, development, consultation or technology transfer that have resulted in significant improvements outside the United States.

**NAMIC ENGINEERING SAFETY AWARD:** Honors outstanding contributions to research, design, education or promotion that have advanced agricultural safety engineering.

**IAFIS FOUNDATION–FPEI FOOD ENGINEERING AWARD:** Award alternating between recognizing a "Distinguished" Food Engineer in odd-numbered years and an "Emerging" Food Engineer (with less than 10 years' practice) in even-numbered years. Honors original contributions in research, development or design, or in the management of food processing equipment or techniques of significant economic value to the food industry and the consumer. Award presented during the IAFIS Foundation Annual Conference in the spring with re-presentation at the ASAE Annual International Meeting which follows.

**SUNKIST YOUNG DESIGNER AWARD:** Award to an individual who is less than 40 years old at time of selection. Honors development or creation of a technical plan that is materially influencing agricultural engineering progress as evidenced by use in the field.

**YOUNG EXTENSION WORKER AWARD:** Award to an individual who is less than 40 years old at time of selection. Honors dedicated use of scientific methodology to seek out facts or principles significant to agricultural engineering.

**A. W. FARRALL YOUNG EDUCATOR AWARD:** Award to an individual who is less than 40 years old at time of selection. Honors outstanding success motivating the application of engineering principles to problems of agricultural engineering.

**NEW HOLLAND YOUNG RESEARCHER AWARD:** Award to an individual who is less than 40 years old at time of selection. Honors dedicated use of scientific methodology to seek out facts or principles significant to agricultural engineering.

**MAYFIELD COTTON ENGINEERING AWARD:** Honors outstanding contributions to the cotton industry.

**NATIONAL FOOD AND ENERGY COUNCIL ELECTRIC TECHNOLOGY AWARD:** Honors contributions to use of electrical energy in the production and processing of agricultural products and to emphasize the unique role of agricultural engineering.

**ROBERT E. STEWART ENGINEERING HUMANITIES AWARD:** Honors a graduate or undergraduate student who is a Student Member of ASAE at time of nomination for outstanding contributions to the profession and the humanities.

**RAIN BIRD ENGINEERING CONCEPT OF THE YEAR AWARD:** Honors an engineer or engineering team for unique contributions to development or advancement of a new engineering concept.

**AWARD FOR THE ADVANCEMENT OF SURFACE IRRIGATION:** Seeks to recognize and publicize those efforts that enhance the acceptance and efficient use of surface irrigation methods.

**EVELYN E. ROSENTERER STANDARDS AWARD:** Recognizes individuals who have given exceptional contributions toward the generation, maintenance and administration of ASAE standards.

**Answer to “What Do These People Have in Common”**

All individuals listed on page 3 volunteered time toward the 2000 ASAE International Meeting, held in Milwaukee on July 9-12. Duties performed by these most gracious individuals included: set-up, on-site registration, childcare, local tour arrangements, tour host/guide, speaker liaison, paper distribution/sales, and clean-up. On behalf of the Wisconsin Section, we thank these volunteers for a superb job.

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<b>Call for Section Award Nominations</b> <b>David Bohnhoff</b>
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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 2001 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 next **January 30<sup>th</sup>**, 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 **Dave Bohnhoff**, this year's Vice Chair of Awards. Dave's work address is **460 Henry Mall, Madison, WI 53706**. He can be reached by phone (**608-262-9546**), fax (**608-262-1228**) or E-mail [bohnhoff@facstaff.wisc.edu](mailto:bohnhoff@facstaff.wisc.edu).

## **Wisconsin Section of the ASAE**

### **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 ASAE 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 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.

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## 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.

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## 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.

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## **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.

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## **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**  
**October 12, 2000 --- DeKalb, Illinois**  
**(Tour start at 4:00 p.m.)**

*Mail or fax this form, or reply by e-mail, by Friday, September 29, 2000.  
 Price is \$15.00 per member/guest and \$10.00 per student.*

Patrick Pritzl  
 Case Corporation  
 24<sup>th</sup> & Mead Streets  
 Racine, WI 53403

Phone: 262-636-5691  
 Fax: 262-636-5720  
 E-mail: [patrick.pritzl@cnh.com](mailto:patrick.pritzl@cnh.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 \$15.00 each = \$ \_\_\_\_\_

# Students:            \_\_\_\_\_ x \$10.00 each = \$ \_\_\_\_\_

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