

Newsletter Highlights

- Spring Meeting
- Schedule of Events
- Directions
- Secretary/Treasurer Report
- Officer Ballot – Complete and Send
- Meeting Registration - Complete & Send

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.wiasabe.org

March 2010

2009-2010 Editor: Bill Bassett
email:
bill.bassett@kuhn.com

Published Three Times Per Year

ASABE WI Section 2009-2010

Chair

Neal Stoffel
Kondex Corporation
(920) 269-7932

2008-2009 Past Chair

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(920) 583-3590

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(608) 897-2131

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(262) 334-9461

Secretary and Treasurer

Jeff Marggi
Kuhn North America, Inc.
(608) 897-2131

Webmaster

Adam Steen
UW-Madison

WISCONSIN SECTION MEETING WEDNESDAY, MARCH 31ST, 2010 WISCONSIN PUBLIC SERVICE FARM SHOW

The ASABE Wisconsin Section meeting will be held on Wednesday, March 31st in conjunction with the Wisconsin Public Service Farm Show.

The 50th annual Farm Show runs from March 30th - April 1st and will be held at the EAA (Experimental Aviation Association) grounds in Oshkosh. The show will have more than 400 vendors covering over 700 booths. The show is expected to draw visitors from throughout the Midwest to see the latest in Agriculture Technologies. Like last year, the show will include a 3 day silent auction to benefit the Wisconsin FFA Foundation, an on-site agricultural consultant from WPS to answer energy management questions, and selected medical screenings from the UW-Oshkosh Nursing students (Tuesday and Thursday only).

Following the show, there will be a tour of MAG Giddings and Lewis at 2:30. This will be followed by a social time at LaSure Hall at 4:00, a presentation by Gary Radloff - Policy Director for the Wisconsin Bioenergy Initiative (WBI) at UW-Madison on Bioenergy, and a dinner at 6:00. The buffet dinner will include chef carved sirloin of beef, chicken marsala, parsley buttered noodles, wild rice, a vegetable and salad. Dinner will be followed by a meeting to discuss any new section business, present section awards, and announce the new officer team for 2010/2011.

Schedule of Events/Information

Wisconsin Public Service Farm Show:

EAA Grounds, 3000 Poberezny Road, Oshkosh, WI 54902

<http://www.wisconsinpublicservice.com/business/show.aspx>

Farm Show: 9:00am – 4:00pm Tuesday/Wednesday
9:00am – 3:00pm Thursday

Admission is free. Parking costs \$3/vehicle

MAG Giddings and Lewis Tour:

2:30 - 3:30 pm

142 Doty Street, Fond du Lac, WI 54935

The following is from the MAG Giddings and Lewis website (www.giddings.com):

MAG Giddings & Lewis, established in 1859, is located in Fond du Lac, Wisconsin. The company supplies a worldwide customer base with products and services designed to improve manufacturing productivity. Giddings & Lewis builds a broad range of large high-performance, horizontal boring mills, vertical turning centers and horizontal machining centers for manufacturers in a variety of industries, from small job shops to large OEMs in the construction, aerospace, energy and oilfield equipment industries.

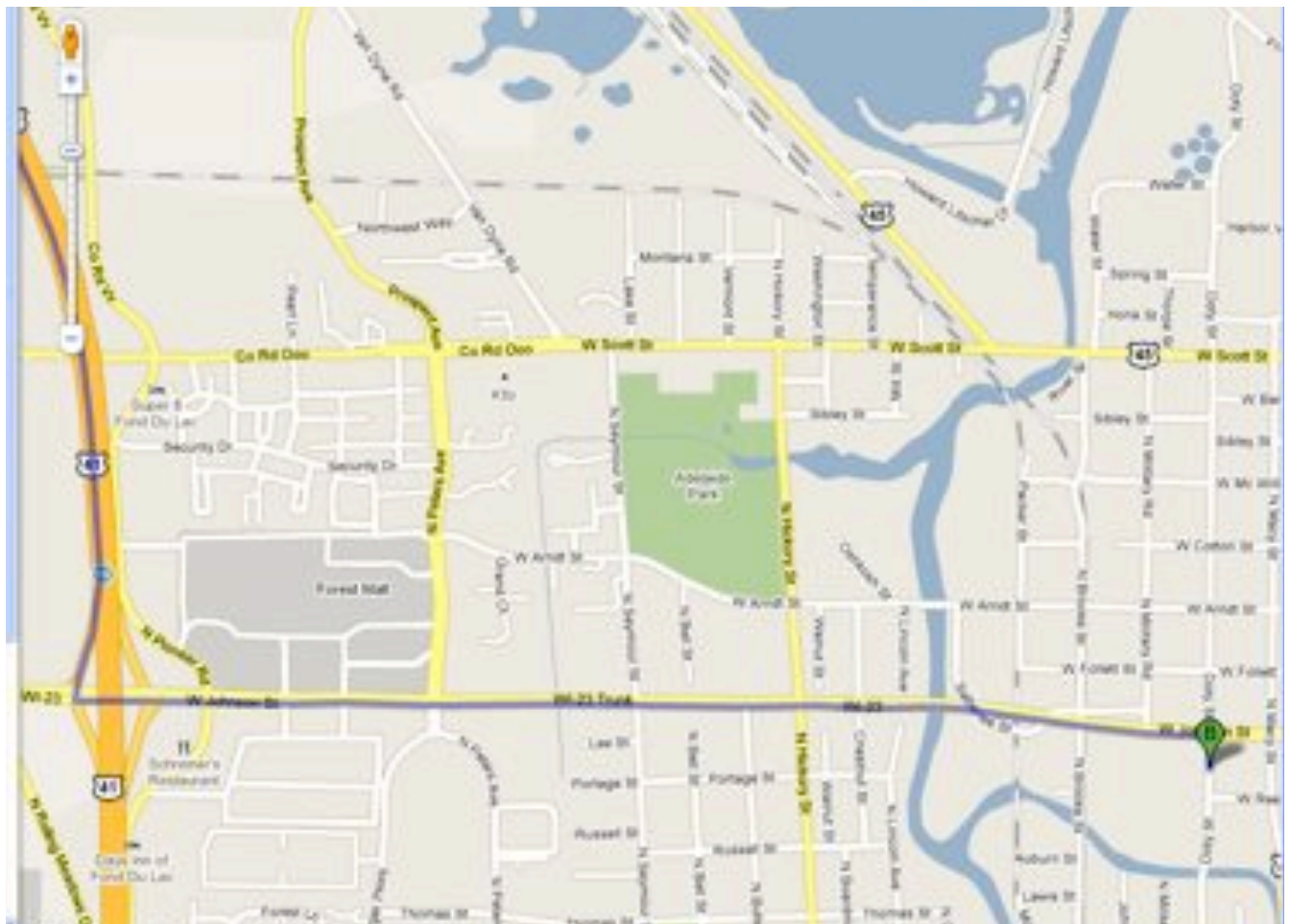
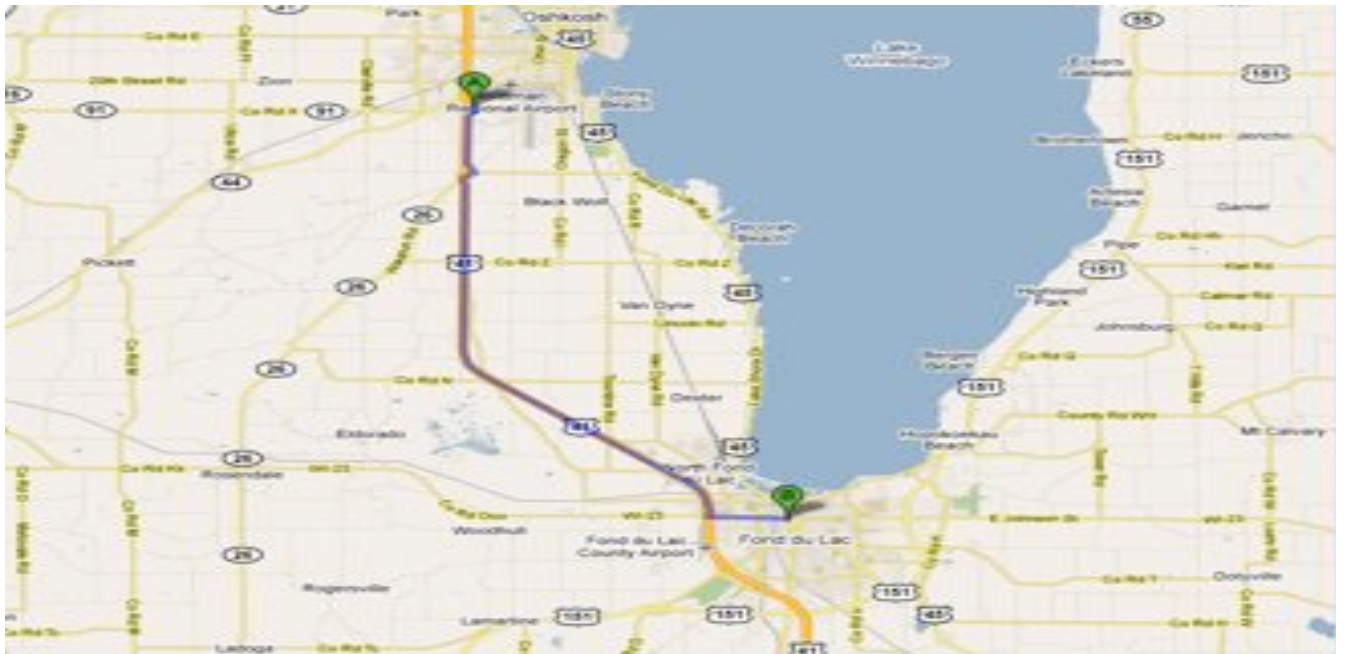
Giddings & Lewis is now part of MAG Industrial Automation Systems (MAG IAS). MAG IAS, Sterling Heights, MI, is a group of machine tool and systems companies with manufacturing operations on five continents.

Dinner/Speaker/Business Meeting/Award Presentation:

LaSure's Hall, 3125 S. Washburn St., Oshkosh, WI 54902 Phone: 920-651-0796

| | |
|---|---------------|
| Social Time: | 4:00 – 5:00pm |
| Speaker – Gary Radloff: | 5:00 - 6:00pm |
| Dinner: | 6:00 – 7:00pm |
| Business Meeting /Awards Presentation: | 7:00 – 8:00pm |
| Adjourn | |
| New officer meeting and photos: | 8:00 – 8:15pm |

Directions to MGA Giddings and Lewis



Directions to LaSure Hall

From MGA Giddings and Lewis / Milwaukee: Highway 41 north to Highway 44 in Oshkosh. Turn left on 44. Turn left on the west frontage road (Washburn St.) and travel 3/4 of a mile to the Hawthorn Inn & Suites Motel & La Sure's Hall, Banquets & Catering.

From Green Bay & Appleton: Highway 41 south to Highway 44 in Oshkosh. Turn right on 44. Turn left on the west frontage road (Washburn St.) travel 3/4 of a mile to the Hawthorn Inn & Suites Motel & La Sure's Hall, Banquets & Catering.

From Madison: Highway 151 north to Highway 26. Follow Highway 26 to Highway 41. Turn left on the west frontage road (Washburn St) and travel 3 miles to the Hawthorne Inn & Suites & La Sure's Hall, Banquets & Catering.



Secretary's Report

17 February 2009

Wisconsin Section ASABE

On October 28th, 2010 the Wisconsin Section ASABE held its fall meeting. Twenty members and guests were able to tour the Aldo Leopold Legacy Center, located in Fairfield, WI as well as Cardinal Glass located in Portage, WI. During the tour individuals were able to see first hand how the Leopold Center has used energy efficiencies, renewable energy, and their ongoing commitment to the land to become the first carbon neutral building certified by LEED or Leadership in Energy and Environmental Design.

The second tour took place at Cardinal Glass in Portage, WI. Here attendees were able to tour the large float glass manufacturing facility. The tour began with the adding of the required raw materials and continued down the entire line until the final product could be seen being removed from the line and packaged for resale.

Prior to dinner at Dino's restaurant in Portage, Bruce Jonet, the Production Manager from Cardinal Glass, gave a presentation outlining the many different techniques that Cardinal Glass uses that has allowed them to become the leading manufacturer of residential glass for windows and doors. Bruce also spent time explaining the many different forms of energy technologies that they use in their manufacturing processes as well as their growing involvement in solar panel glass.

Neal Stoffel called the business meeting to order at 7:15 pm.

1. 22 people attended the dinner meeting.
2. Jeff Marggi gave a brief treasurer report. As of September 28th, 2009 the Wisconsin Section had a balance of \$7278.40.
3. The possibility of a joint meeting between the Wisconsin and Minnesota ASABE sections was discussed.
4. Amanda Crowe made a call for section award nominations for this spring.
5. The possibility of a family day to be held in February was discussed.
6. Future meeting date. March 31st, 2010. Oshkosh Farm Show

The meeting was adjourned at 7:30pm

Respectfully Submitted,

Jeffrey M. Marggi
ASABE Wisconsin Section Secretary 2009-2010

Treasurer's Report

17 February 2010

Wisconsin Section ASABE**Opening Balance****\$7,278.40****Revenue:**

| <u>Date</u> | <u>From</u> | <u>Memo</u> | <u>Amount</u> |
|-------------|-----------------|-------------|---------------|
| 11/10/2009 | Meeting Revenue | | \$320.00 |
| 02/05/2010 | Section Dues | | \$1295.00 |

Total: \$1615.00**Expenses:**

| <u>Date</u> | <u>To</u> | <u>Memo</u> | <u>Check #</u> | <u>Amount</u> |
|-------------|-------------------------|-------------------------|----------------|---------------|
| 10/28/2009 | Aldo Leopold Foundation | | 575 | \$56.00 |
| 10/28/2009 | Dino's Restaurant | Wisconsin ASABE Meeting | 576 | \$316.80 |
| 11/20/2009 | Nate Dudenhoeffer | AETEC Conference | 577 | \$618.00 |

Total: \$990.80**Closing Balance****\$7,902.60**

Respectfully Submitted,
Jeffrey M. Marggi
ASABE Wisconsin Section Treasurer 2009-2010

| |
|--|
| 2010-11 ASABE Nominations for WI Section Officers |
|--|

| | |
|---|---|
| Vice Chair-Program (Chair Elect) (vote for one) | _____ Tim Koch _____ |
| Career Development Committee (vote for three) | _____ John Panuska _____ Garritt Boettcher _____ Nathan Ryan _____ |
| Secretary/Treasurer (vote for one) | _____ Jeff Marggi _____ |
| Vice Chair-Awards (vote for one) | _____ Amanda Crowe _____ |
| Vice Chair-Membership (vote for one) | _____ Matt Digman _____ |
| Vice Chair-Public Relations (vote for one) | _____ Bill Bassett _____ |
| Nomination Committee (vote for two) | _____ Todd England _____ Rod Zimmerman _____ |

Please fill out this ballot and return by Friday March 26th, by email or fax. Officers will be announced at the Section Meeting on Wednesday, March 31st.

Todd England

ASAE Wisconsin Section, Nomination Committee

Mechanical Design Engineer

Digi-Star, LLC.

Phone: 920-568-6226

Fax: 920-563-9721

email: todd.england@digistar.com

REGISTRATION
WISCONSIN PUBLIC SERVICE FARM SHOW
March 31st, 2010

| | <u>Number Attending</u> | <u>Cost</u> | <u>Total</u> |
|--|-------------------------|------------------------------|--------------|
| MGA Giddings and Lewis Tour – 2:30 pm | _____ | Free | |
| Dinner @ LaSure Restaurant – Speaker @5:00 pm, Dinner @ 6:00 pm | _____ | \$25/person students free | \$ _____ |

Information:

Name(s): _____

Address: _____

City/Town: _____ State/Zip _____

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

e-mail: _____

Return completed form and send by **March 19th** to:

Damion Babler

ASABE Wisconsin Section Program Chair
Kuhn North America
1501 W 7th Ave
Brodhead, WI 53520
P: 608-897-2131
F: 608-897-2561
damion.babler@kuhn.com

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John Deere - Horicon
(920) 485-5792

Secretary and Treasurer

Jeff Margi
Kuhn North America, Inc.
(608) 897-2131

Webmaster

Adam Steen
Nate Dudenhoeffer

WISCONSIN SECTION MEETING WEDNESDAY, SEPTEMBER 29TH 2010 WORLD DAIRY EXPO

The ASABE Wisconsin Section meeting will be held on Wednesday, September 29th in conjunction with the World Dairy Expo. The show is held every year at the Alliant Energy Center in Madison. The show runs from September 28th – October 2nd, with exhibits open from 9:00am to 5:00pm.

The show features modern dairy equipment and the newest dairy technology and innovations, including animal health supplies, milking systems, feeding products, forage handling and manure equipment plus embryos, semen and genetic research. It also has North America's top dairy cattle competing for honors in seven breed shows.

The show will be followed by two tours. At 1:30, there will be a tour of Thermal Spray Technologies in Sun Prairie. Thermal Spray Technologies provides engineered coatings for agricultural and industrial applications. At 3:30, there will be a tour of Lyco Manufacturing, a manufacturer of commercial cooking, cooling, liquid/solid separation, root crop preparation, and snap bean equipment for food processors, in Columbus.

The tours will be followed by a social hour at 5:30 at The Cannery Grill in Sun Prairie, a presentation on the Lake Delton Restoration project by William Sturtevant of the Bureau of Watershed Management at 6:00, a stuffed chicken or grilled pork loin dinner at 6:45 and a brief meeting to discuss any new business.

Schedule of Events/Information

World Dairy Expo

The Alliant Energy Center, Madison, WI

Exhibit Hours: 9:00am-5:00pm

Show and Judging Hours: See www.worlddairyexpo.com for specific times

Admission is \$8/person or \$25 for a season pass (11 & under free). Parking is free.

Thermal Spray Technologies, Inc. Tour - **1:30-2:30**

515 Progress Way Sun Prairie, Wisconsin 53590 (608) 825-2772

www.tstcoatings.com/

Thermal Spray Technologies provides engineered coating solutions for a very wide variety of industrial applications. Our coatings can be found in agricultural combines providing wear protection to harvest crops, to electrosurgical medical instruments that are used in highly complex surgical procedures. Our coatings are engineered specifically for each application through the utilization of our expertise in materials engineering and the processes of thermal spray. Most of our coatings are supplied to original equipment manufactures (OEM's), on new components produced in low, medium and high volumes.

Lyco Manufacturing, Inc. Tour - **3:30-4:30**

115 Commercial Drive Columbus, WI 53925 (920) 623-4152

www.lycomfg.com

Lyco Manufacturing Inc., a world-leading manufacturer of commercial cooking and cooling, liquid / solid separation, root crop preparation, and snap bean equipment for food processors. We are focused on improving our customer's return on investment through innovative designs. The company's personnel have extensive experience and knowledge in the food processing industry. Our food processing equipment is at work with virtually every leading food processor in North America and many around the world. State-of-the-art metal manufacturing lasers, precision press brakes, and robot welders enhance the quality and reduce the cost of products made in the food and fabrication divisions of the company.

Social Time / Presentation / Dinner / Business Meeting

The Cannery Grill

315 E. Linnerud Dr. Sun Prairie, WI 53590 (608) 837-4999

www.thecannerygrill.com

Social time: 5:30 – 6:00 pm

Program Speaker: 6:00 – 6:45pm

Topic: **Lake Delton Restoration Project**

William D. Sturtevant, P.E. - State Dam Safety Engineer

Bureau of Watershed Management

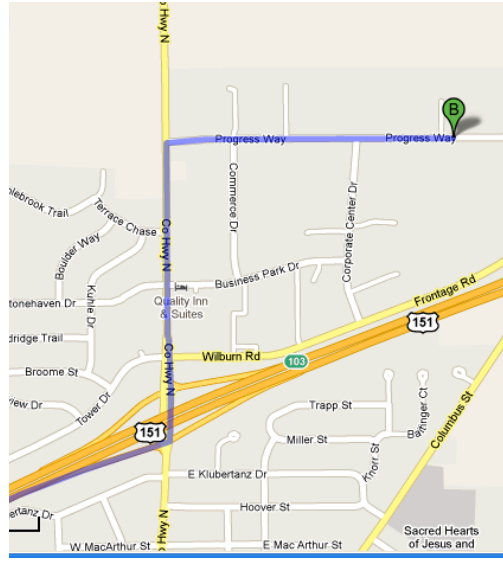
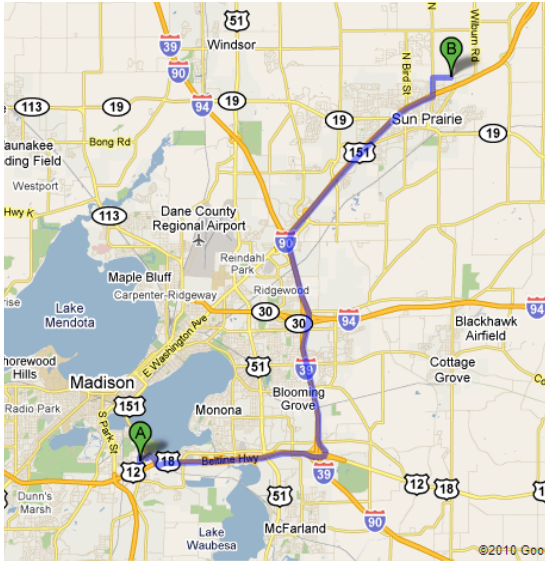
Wisconsin Department of Natural Resources

Dinner/Business Meeting: 6:45pm

Directions to Thermal Spray Technologies

515 Progress Way Sun Prairie, WI

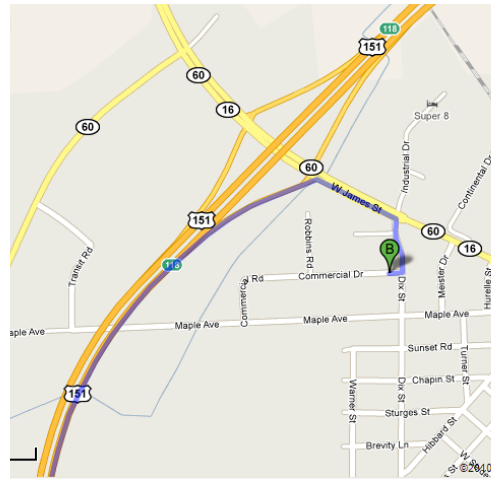
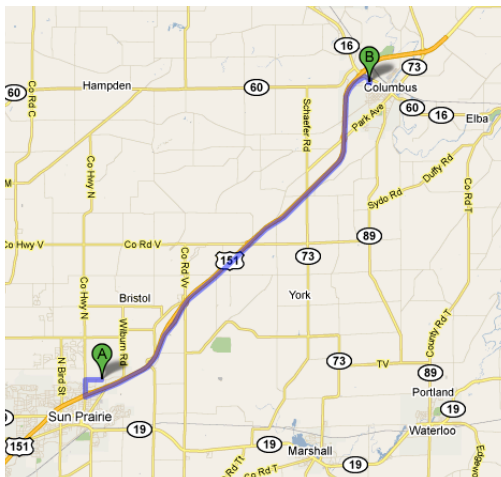
Approx 14 miles (25 min) from World Dairy Expo



Directions to Lyco Manufacturing

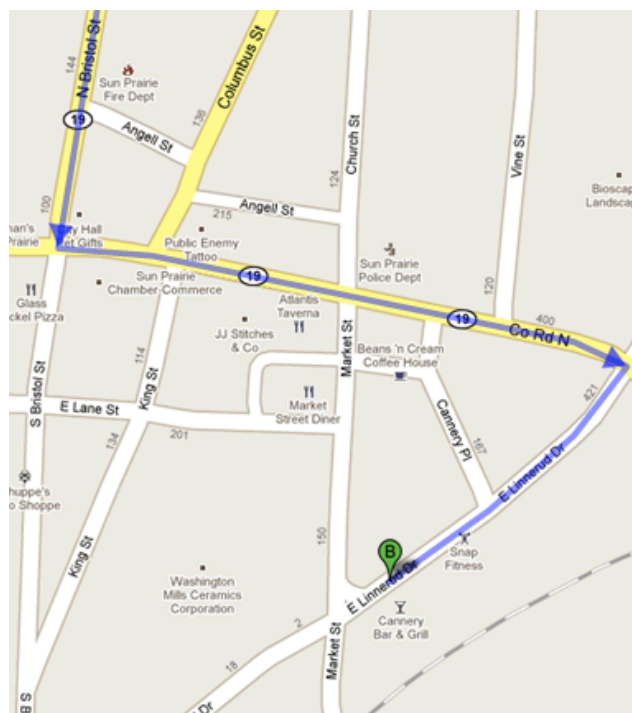
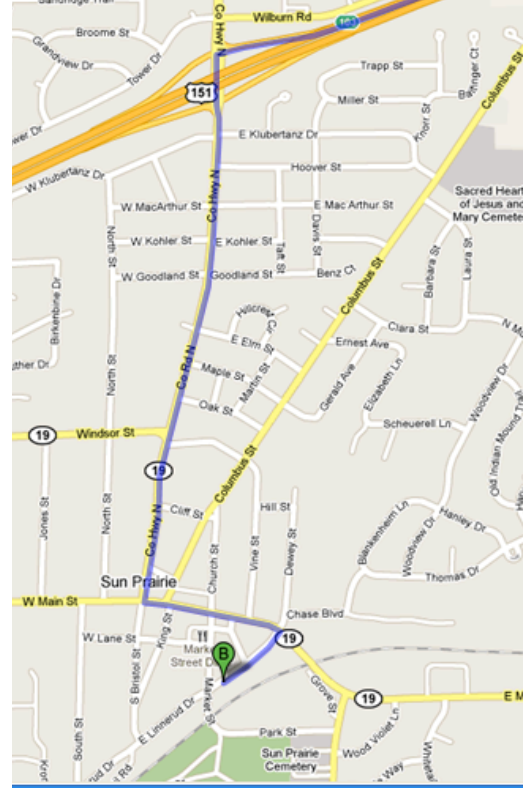
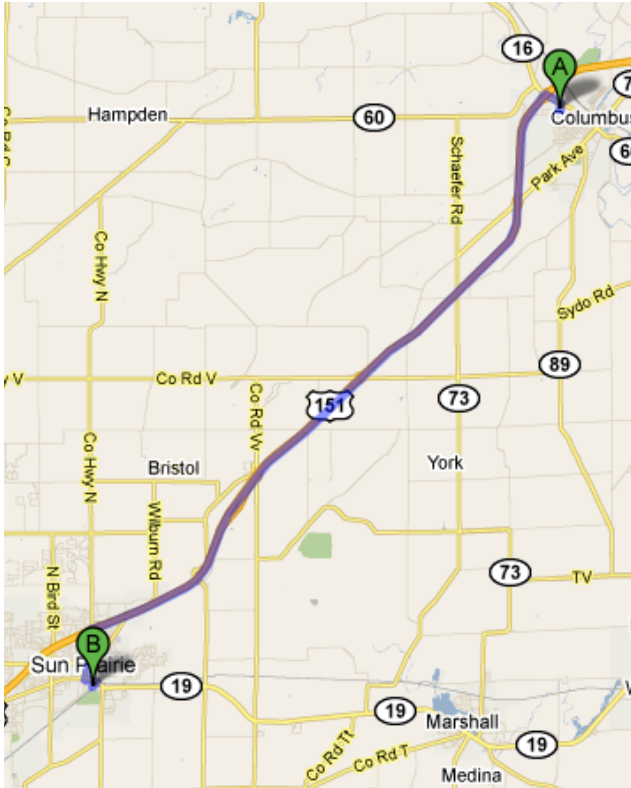
115 Commercial Drive Columbus, WI

Approx 16 miles (20 min) from Thermal Spray Technologies



Directions to The Cannery Grill

315 E. Linnerud Dr. Sun Prairie, WI
Approx 16 miles (23 min) from Lyco Manufacturing



Secretary's Report

07 September 2010

The summer meeting of the ASABE Wisconsin Section was held on July 21st, 2010 in conjunction with the Wisconsin Farm Technology Days.

The meeting started with a tour of Future Farm Food and Fuel in Baldwin, WI. Here members and guests were able to see a state of the art greenhouse which uses fuel from their 1100 cow farm to produce all natural vegetables and Tilapia fish, while at the same time reducing their carbon footprint by minimizing the CO2 emissions. The farm's current projects include a greenhouse fueled by biogas (methane) and water from the milk cooling process, biofuel production using waste products and algae, fertilizer applications using a state of the art processing system, and consulting on how to make other farms the next future farm.

Next the group toured the Agricultural Engineering Technology Department at UW-River Falls. Visitors were able to see the classroom and lab used by students majoring in Agricultural Engineering Technology.

Following the tours, members and guests gathered at the UW-River Falls University Center where guest speaker Steve Wright, the Powder Technology Manager for GEA Process Engineering, discussed his company's involvement in spray drying and powder handling systems.

The Dinner, Business meeting was called to order at 7:45 PM by Damion Babler.

1. Introductions

2. Thanks to UW-River Falls for helping with the meeting. A special thanks to Laura Walsh and Dean Olson.

3. A special welcome to Gary Feyereisen from the Minnesota section.

4. The next meeting will be held during the World Dairy Expo.

5. ASABE initiative for taking the PE; information on the ASABE.org website.

6. Mathew Digman: Please look for e-mail survey in the coming weeks regarding section meetings. Discussed ASABE section steering committee meeting in Pittsburgh and the strategies other sections are pursuing to increase membership and meeting attendance.

7. Old business: None

8. New Business: Winter Meeting? Family get-together?

Respectfully Submitted,
Jeffrey M. Marggi
ASABE Wisconsin Section Secretary 2010-2011

Treasurer's Report

07 September 2010

Opening Balance**\$6,981.51****Revenue:**

| <u>Date</u> | <u>From</u> | <u>Memo</u> | <u>Amount</u> |
|-------------|-----------------|----------------|---------------|
| 09/02/2010 | Meeting Revenue | Summer Meeting | \$460.00 |

Total: \$460.00**Expenses:**

| <u>Date</u> | <u>To</u> | <u>Memo</u> | <u>Check #</u> | <u>Amount</u> |
|-------------|----------------|----------------|----------------|---------------|
| 09/02/2010 | UW-River Falls | Summer Meeting | 584 | \$514.00 |

Total: \$514.00**Closing Balance****\$6,927.51**

Respectfully Submitted,
Jeffrey M. Marggi
ASABE Wisconsin Section Treasurer 2010-2011

REGISTRATION
WORLD DAIRY EXPO
September 29th, 2010

| | <u>Number Attending</u> | <u>Cost</u> | <u>Total</u> |
|---|-------------------------|---------------------------------|--------------|
| Tour of Thermal Spray Technologies – 1:30 pm | _____ | Free | |
| Tour of Lyco Manufacturing – 3:30 pm | _____ | Free | |
| Dinner @ The Cannery Grill – 6:45 pm | _____ | \$20.00/person students free | \$_____ |

IDENTIFY DINNER CHOICE

- Stuffed Chicken (stuffed
with broccoli & cheddar cheese) _____
- Griller Pork Loin Medallions _____

Information:

Name(s): _____

Address: _____

City/Town: _____ State/Zip _____

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

e-mail: _____

Return completed form and send by **September 22nd** to:

Tim Koch

ASABE Wisconsin Section Program Chair
Schreiber Foods Inc
W2322 Majesta Court
Watertown, WI 53094
P: 920-988-2408
F: 262-675-2827
Tim.Koch@schreiberfoods.com

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- 2010 WI Section Awards/Member recognition
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WISCONSIN SECTION MEETING WEDNESDAY, JULY 21ST 2010 FARM TECHNOLOGY DAYS

The ASABE Wisconsin Section meeting will be held on Wednesday, July 21st in conjunction with the Wisconsin Farm Technology Days.

Wisconsin Farm Technology Days is the state's largest outdoor agricultural show, with a history dating back to 1954. The annual three-day event showcases the latest improvements in production agriculture, including practical applications of recent research findings and technological developments. This year's show runs from July 20-22 and is being hosted by the Roger and Beverly Peterson Family Farm near River Falls in Pierce County. The Petersons operate a 65 cow dairy farm, with 700-800 feeder cattle and over 2100 acres of farmland.

At 3:00pm, there will be a tour of Future Farm Food and Fuel, LLC in Baldwin, WI.

At 4:30pm, there will be a tour of the UW-River Falls Ag Engineering Tech Department.

At 5:00pm, there will be an open house at the UW-River Falls Mann Valley Farm.

The last stop of the day will be the UW-River Falls University Center where at 6:00, there will be a social time followed by dinner at 6:30, a presentation by Steve Wright, and a section meeting.

Schedule of Events/Information

Wisconsin Farm Technology Days:

Peterson Dairy Farm

W10357 State Highway 29, River Falls, WI 54022

www.wifarmtechnologydays.com**Farm Show:****Tuesday/Wednesday** – 9:00am – 5:00pm**Thursday** – 9:00am – 4:00pm**Admission is \$5/person (12 & under free). Parking is free.**

The following is from the UW Extension website (<http://pierce.uwex.edu/ag/techdays.html>):

The 2010 Wisconsin Farm Technology Days Farm show is being hosted this year by the Roger and Beverly Peterson Family Farm in Pierce County. The Petersons own 800 acres and operate over 2,100 acres of farmland two miles southwest of River Falls, Wisconsin. The farm consists of a dairy operation with approximately 65 milking cows combined with 700-800 feeder cattle supported by a sizeable cash grain enterprise. Their management and workforce consists of five children and three part time employees. In addition, Roger's parents, LeRoy and MaryAlice Peterson are still very active in their own farming operation and workshare with Roger and Beverly. While a traditional dairy farm in herd size and housing, the Petersons implement many forms of technology in both their livestock and crop enterprises.

Conservation is a priority for the Peterson operation. They utilize conservation tillage on their sizable cropping enterprises. In addition, dams and waterways are integral to keeping their productive soils in place and minimize runoff of nutrients. A nutrient management plan is in place and is followed. The Petersons recognize and value the natural resources of their proximity. They are part of the Kinnickinnic Priority Watershed and their farming operation is within one mile of this prized waterway in Western Wisconsin.

Future Farm Tour:

3:00 – 3:45 pm

Future Farm Food and Fuel, LLC

2047 County Rd E, Baldwin, WI 54002

<http://www.afuturefarm.com/>

This state of the art greenhouse will run off the energy produced from a 1100 cow farm. This facility is a 27,000 square foot aquaponics/hydroponic system that is producing all natural vegetables and Tilapia fish without the use of any harmful chemicals or pesticides.

UW-River Falls Ag Engr Tech Dept Tour:

4:30 – 5:00 pm

Agricultural Engineering Annex
410 S 3rd St, River Falls, WI 54002
715-425-3985
<http://www2.uwrf.edu/ag-engineering/>

UW-River Falls Mann Valley Farm Open House:

5:00 – 6:00 pm

Dairy Learning Center
129 S Glover Rd, River Falls, WI 54002
<http://www2.uwrf.edu/dlc/>

Dinner/Speaker/Business Meeting:

UW-River Falls University Center - Falls Room
500 E Wild Rose Ave, River Falls, WI 54022

| | |
|--------------------------------|---------------|
| Social Time: | 6:00 – 6:30pm |
| Dinner: | 6:30 – 7:15pm |
| Speaker – Steve Wright: | 7:15 – 7:45pm |
| Business Meeting: | 7:45 – 8:15pm |
| Adjourn | |

| |
|---|
| Directions to Farm Technology Days |
|---|

2010 Wisconsin Farm Technology Days is at the intersection of STH 29 and County E, approximately 3 miles southwest of River Falls, Wis.

From the northwest: I-94 EB to exit #3. Take Hwy 35 south, continuing through 35 where Hwy 65 joins 35. Take a right on Cemetery Road. Proceed west to Hwy 29/35 (Main Street). Turn left at signal and proceed south on Hwy 29/35 to FTD grounds.

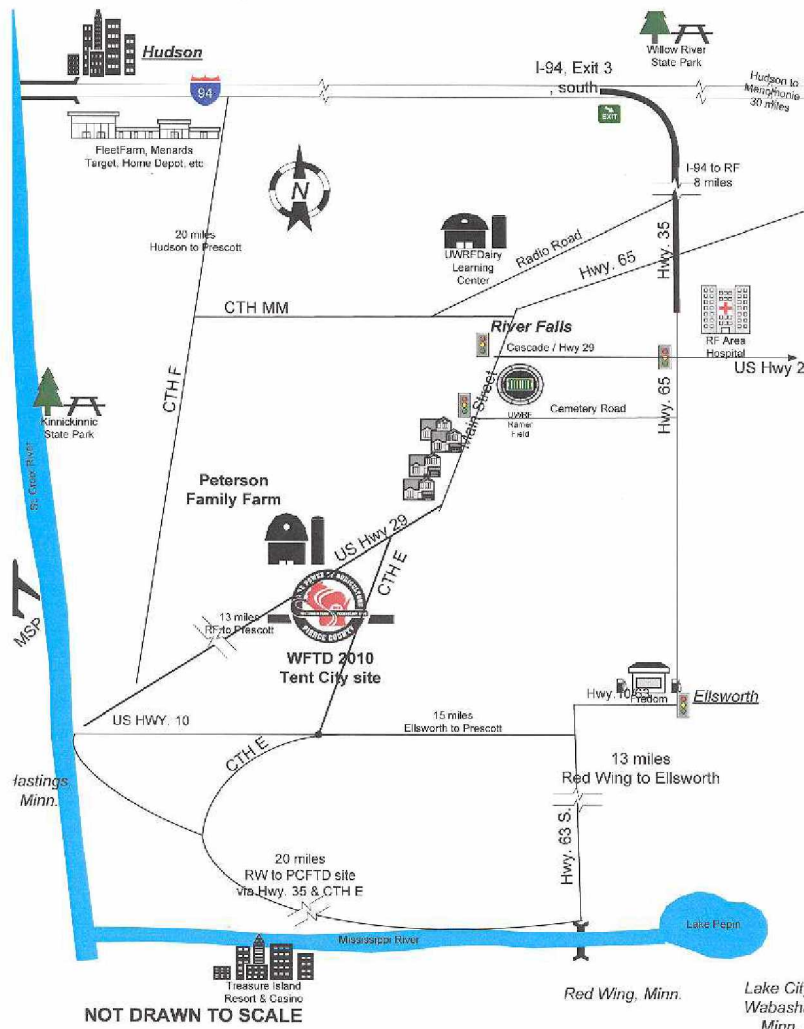
From the northeast: I-94 WB to exit #19. Take Hwy 63 south to Hwy 29. Turn right on Hwy 29 and proceed west to Hwy 65. Turn left and proceed south on Hwy 65 to Cemetery Road. Take a right on Cemetery Road. Proceed west to Hwy 29/35 (Main Street). Turn left at the signal and proceed south on Hwy 29/35 to FTD grounds.

From the east: Hwy 29 WB from Spring Valley to the intersection of Hwy 63. Take a right and proceed north on Hwy 29/63. Turn left on Hwy 29 and proceed 11.5 miles west to Hwy 65. Turn left and proceed south on Hwy 65 to Cemetery Road. Take a right on Cemetery Road. Proceed west to Hwy 29/35 (Main Street). Turn left at the signal and proceed south on Hwy 29/35 to FTD grounds.

From the west: From Minnesota, cross the St. Croix River on Hwy 10. Take a left at the first stoplight in Prescott, following Hwy 10 to the east. Continue 10 miles east of Prescott on Hwy 10 to CTH E. Take a left on CTH E and proceed 5 miles north to FTD grounds.

From the southwest: From Minnesota, cross the Mississippi River on Hwy 63. Proceed north on Hwy 63 11.5 miles to Hwy 10. Take a left on Hwy 10 and proceed west for 6.5 miles to CTH E. Take a right on CTH E and proceed 5 miles north to FTD grounds.

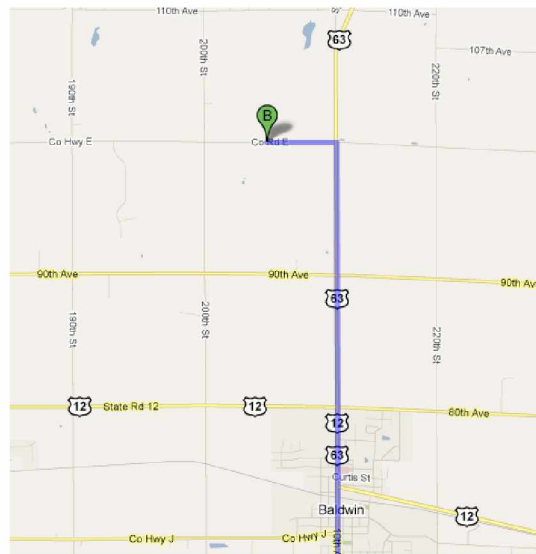
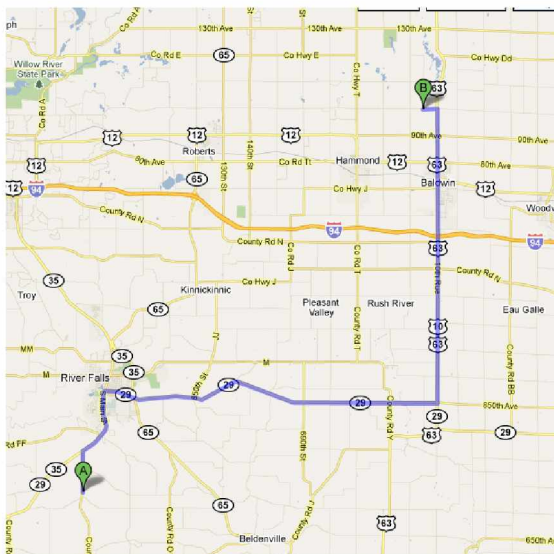
From the south: Hwy 35 NB to the intersection of Hwy 63. Turn right and proceed north on Hwy 63 9 miles to Hwy 10. Take a left on Hwy 10 and proceed west for 6.5 miles to CTH E. Take a right on CTH E and proceed 5 miles north to FTD grounds.



Directions to Future Farm Tour

2047 County Rd E, Baldwin, WI

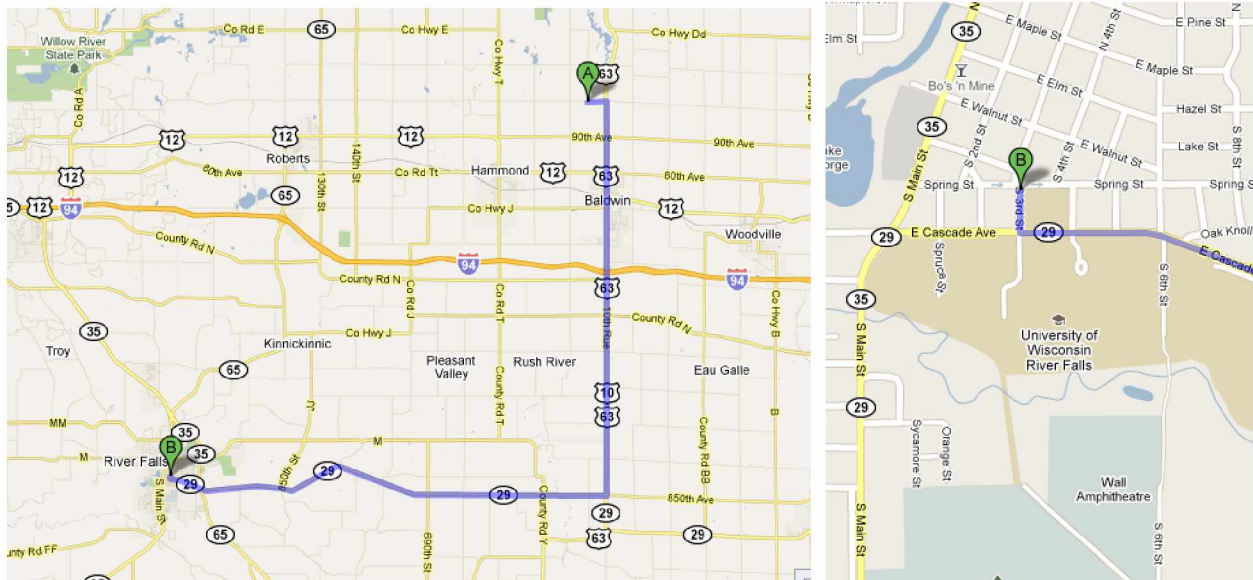
Approx 27 miles (40 min) from Farm Technology Show



Directions to UW-River Falls Ag Engr Tech Dept Tour

410 S 3rd St, River Falls, WI

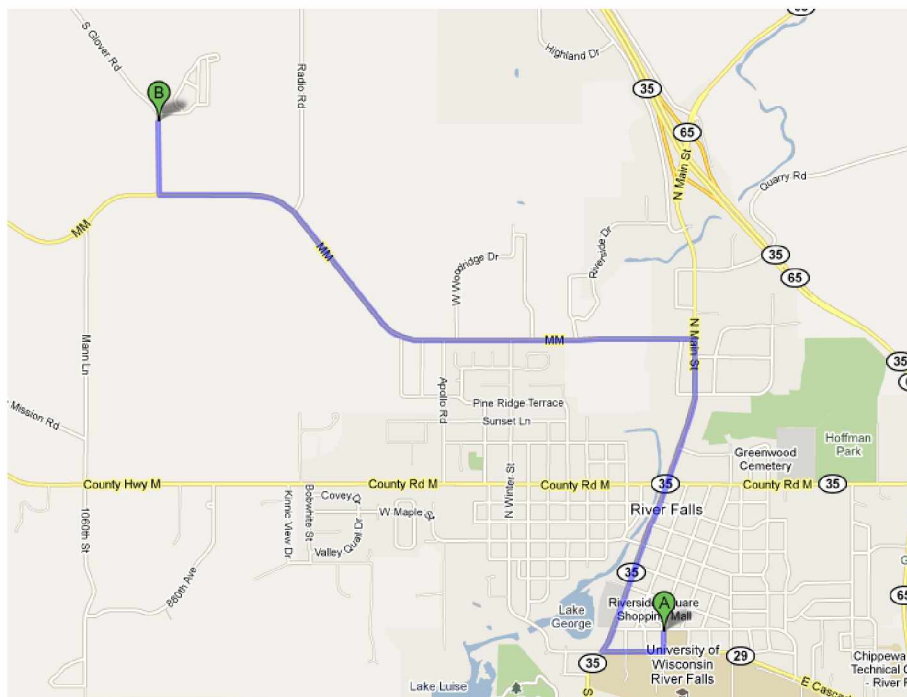
Approx 27 miles (40 min) from Future Farm Tour



Directions to UW-River Falls Mann Valley Farm Open House

129 S Glover Rd, River Falls, WI

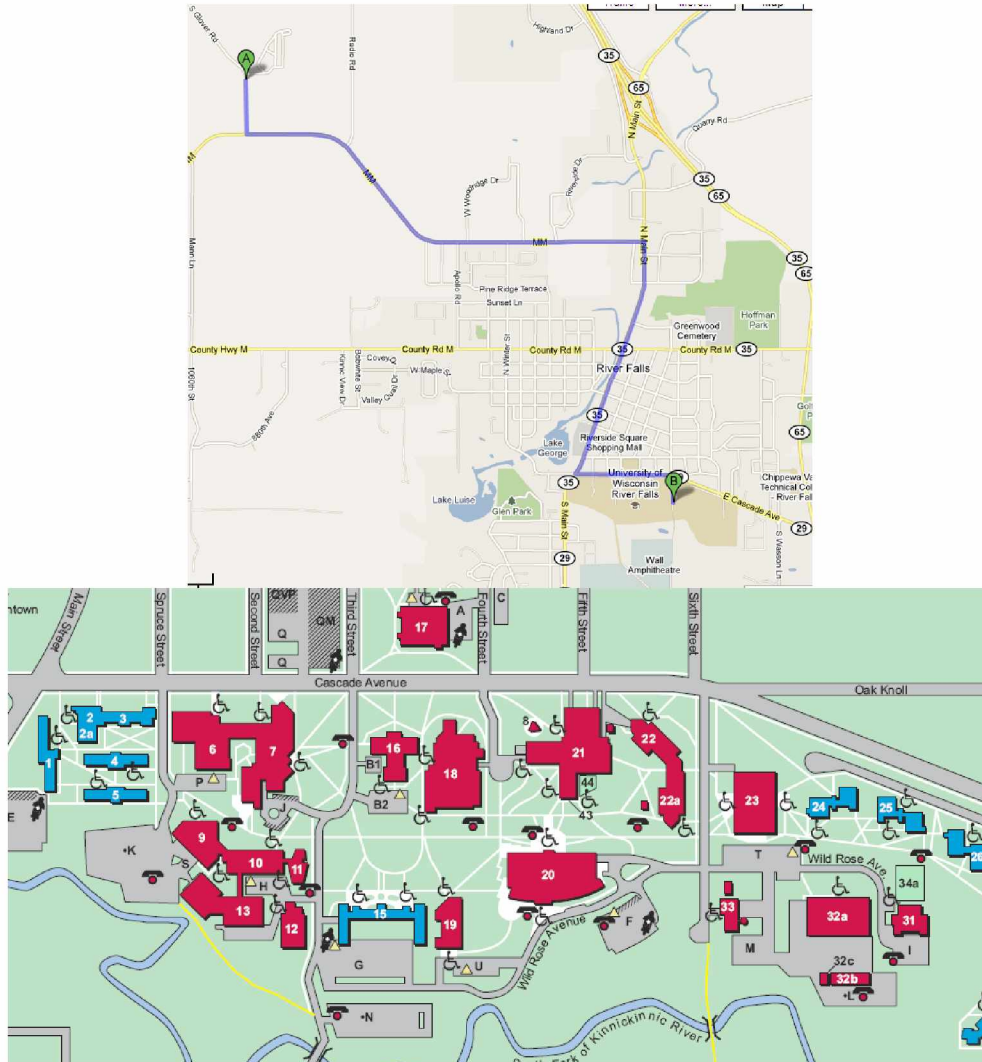
Approx 4 miles from UW-River Falls Ag Engr Tour



Directions to UW-River Falls University Center

500 E Wild Rose Ave, River Falls, WI

Approx 4 miles from UW-River Falls Mann Valley Farm Open House



UW River Falls University Center is building #20

Secretary's Report

22 June 2010

The spring meeting of the ASABE Wisconsin Section was held on March 31st, 2010 in conjunction with the Wisconsin Public Service Farm Show.

Following the show approximately 26 members and guest toured MAG Giddings & Lewis located in Fond du Lac, WI. This facility was founded in 1859 and consists of an Engineering group made up of 15-20 Mechanical Engineers, 9 Test Engineers, 8 Software Engineers and 6 Electrical Engineers.

The Fond du Lac location produces 70-80 large, high-performance, horizontal boring mills, vertical turning centers and horizontal machining centers that are used in factories all over the world for producing various types of industrial equipment.

Following the tour, members and guests gathered at LaSure Hall in Oshkosh, WI. Guest speaker Gary Radloff – Policy director for the Wisconsin Bioenergy Initiative, gave an overview of his current work dealing with future energy strategies and which of these strategies holds the most promise.

The Dinner, Business meeting and Awards presentation followed.

1. The business meeting was called to order at 7:00 PM by Neal Stoffel.

2. The following awards were presented:

| | |
|--|--------------------|
| Agricultural Engineering Technology Student of the Year: | Joe Wildenberg |
| Biological Systems Engineering Student of the Year: | Hannah Uhlenhake |
| Biological Systems Engineering Graduate Student of the Year: | Shane Williams |
| Agricultural and Biological Systems Young Engineer Award | Dan Thiemke |
| Wayne G. Russell Award: | Dr. Richard Straub |

3. The following members were recognized for their commitment to the organization:

| Name | Yrs of Membership | Name | Yrs of Membership |
|------------------|-------------------|--------------------|-------------------|
| Jean S. Jonjak | 25 years | Robert M. Butler | 40 years |
| David W. Kammel | 25 years | James C. Converse | 40 years |
| Fred G. Kuhn | 25 years | Michael J. Tiry | 40 years |
| Anthony J. Saiia | 25 years | C Gene Simons | 50 years |
| | | Harry D. Henderson | 60 years |

4. The following new officers were installed at the conclusion of the meeting

| | | |
|---------------------------------|-------------------|----------------------|
| Chairperson | Damion Babler | Kuhn North America |
| Vice Chair – Program | Tim Koch | Ameriprise Financial |
| Vice Chair – Awards | Amanda Crowe | USDA NRCS |
| Vice Chair – Membership | Matt Digman | UW - Madison |
| Vice Chair – Career Development | Garritt Boettcher | John Deere Horicon |
| Vice Chair – Public Relations | Bill Bassett | Kuhn North America |
| Secretary-Treasurer | Jeff Marggi | Kuhn North America |
| Nominating Committee | Todd England | Digi-Star |
| Past Chair | Neal Stoffel | Kondex Corporation |

5. The meeting was adjourned by 8:00pm.

Respectfully Submitted,
 Jeffrey M. Marggi
 ASABE Wisconsin Section Secretary 2010-2011

Treasurer's Report

22 June 2010

Opening Balance **\$7,902.60**

Revenue:

| <u>Date</u> | <u>From</u> | <u>Memo</u> | <u>Amount</u> |
|-------------|-----------------|---------------------|---------------|
| 05/12/2010 | Meeting Revenue | Awards Banquet Dues | \$696.00 |

Total: \$696.00

Expenses:

| <u>Date</u> | <u>To</u> | <u>Memo</u> | <u>Check #</u> | <u>Amount</u> |
|-------------|--------------------|-----------------------|----------------|---------------|
| 03/30/2010 | Joe Wildenberg | Ag. Mech/Eng. Award | 578 | \$150.00 |
| 03/30/2010 | Hannah Uhlenhake | ASABE Eng. Award | 579 | \$150.00 |
| 03/30/2010 | Shane Williams | ASABE Grad. Award | 580 | \$150.00 |
| 03/31/2010 | Amanda Crowe | Young Engineer Plaque | 581 | \$105.24 |
| 04/05/2010 | La Sure's Hall | Awards Banquet | 582 | \$902.26 |
| 05/12/2010 | JB's Italian Grill | Officer's Meeting | 583 | \$159.59 |

Total: \$1617.09

Closing Balance **\$6,981.51**

Respectfully Submitted,
Jeffrey M. Marggi
ASABE Wisconsin Section Treasurer 2010-2011

2010-2011 Wisconsin Section Officers



Pictured (left to right) – Rod Zimmerman, Amanda Crowe, Bill Bassett, Jeff Marggi, Damion Babler, Tim Koch, Nate Dudenhoeffer, Neal Stoffel, and Adam Steen. Missing from the picture is Matt Digman and Garritt Boettcher

2010 ASABE WI Section Awards

The following awards were presented at the March 31, 2010 American Society of Agricultural and Biological Engineers Wisconsin Section Meeting

Agricultural Engineering Technology Student of the Year: **Joe Wildenberg**

Joe is currently a student at UW River Falls where he has excelled as a student. Joe has been a member of ASABE for 3 years, in which he has been an active member of the ¼ Scale Tractor Design team.

Joe is also involved with several other organizations on campus including the UWRF Falcon Pulling team, which is based on the ASABE ¼ Scale Tractor Student Design Competition where they design and build a quarter scale pulling tractor every year. Joe is also involved with the Agricultural Mechanization Club where he helps to raise money so the club can travel and tour industry and businesses that are related to agriculture. On top of all of that, Joe is also tutor for several engineering and math related classes including Introduction to Agricultural Engineering Technology, Calculus 1&2, and Physics.

Upon graduation Joe plans to attend UW-Madison to pursue a Master's Degree in Biological Systems Engineering. Congratulations Joe!

Biological Systems Engineering Student of the Year:
Hannah Uhlenhake



Pictured: Neal Stoffel, Amanda Crowe, and Hannah Uhlenhake

I can't imagine any of you not knowing this year's student of the year. This girl has enthusiasm for ASABE, and likes to share it! Like her brother and sister that have passed through the Biological Systems program at UW Madison, Hannah Uhlenhake has chosen the rewarding path of engineering.

Hannah is a 5th year senior who became hooked on ASABE after attending the Midwest Regional Rally as a freshman. Hannah has held several officer positions in ASABE starting her freshmen year including Publicity Co-Chair, AEM Report Chair, Secretary, and President. In addition she was the Midwest Regional President and part of the advisory board for the ASABE

International Meeting. In her free time she was able to plan the Winter Shindig her junior year, has been an active participant in the annual Lawn Mower Clinic, and has attended almost all of the WI Section Meetings and Student Branch Functions.

Hannah has been an active member of the ¼ Scale Tractor team for all 5 years at UW Madison. She was the apparel chair for 2 years, and is currently on the design team.

Hannah has maintained a high grade point average while also being involved with other organizations such as:

- Saddle and Sirloin
- Badger Dairy Club
- Collegiate Future Farmers of America
- Association of Women in Agriculture (AWA)

Hannah would like to have a job related to machinery systems, and would also like to start farming and stay involved with ASABE. Congratulations Hannah!

Biological Systems Engineering Graduate Student of the Year:
Shane Williams



Pictured: Neal Stoffel, Amanda Crowe, and Shane Williams

This year's Graduate Student of the Year should be a familiar face, as he was the 2008 recipient of the Student of the Year Award. Shane Williams is a graduate student under Dr. Shinnars at UW Madison researching methods for harvesting and storing biomass, particularly biomass

harvested in two passes. Shane's main focus for the storage of these biomass feedstocks is anaerobic storage in high density silage bags. During harvest season Shane helped form silage bags which will be used in his research to look at different material parameters such as theoretical length of cut, moisture content, level of processing, and packing density in the bag. Shane will also look at silage amendments such as bacteria and calcium hydroxide.

When not working for Dr. Shinnars, Shane has been involved with the student ASABE branch, where he has held several officer positions and held an active role in the annual lawn mower clinic. Shane has attended the Midwest Regional Rally as well as the International Meeting. Shane has served as an At-Large member of the Young Professionals Community and is helping to plan and coordinate one of their biggest fundraisers. Shane has also served as the College of Ag. and Life Sciences Student Council representative and Secretary.

Upon graduation Shane hopes to work for a major agricultural or construction equipment company in the engineering or product evaluation department. Ideally Shane would like to work with hay and forage machinery. Congratulations Shane!

Agricultural and Biological Systems Engineering Young Engineer Award:
Dan Thiemke



Presented to Dan by Amanda Crowe, as Martin was unavailable.

Nominated by Martin W. Schramm, Senior Project Engineer, John Deere Horicon Works

This award is to honor a young Wisconsin Section member for outstanding contributions to the advancement of the Agricultural and Biological Systems Engineering profession. The selection is based on the candidates' total accomplishments as an engineer. As you will hear, this year's recipient, Dan Thiemke is well deserving of this award. Dan is here tonight with his wife.

Since joining John Deere in 1995, Dan has enjoyed engineering experiences in two divisions of John Deere, from Agricultural products to consumer products. He has progressed in levels of design and engineering responsibility, starting in manufacturing support, then product design, and lately in emissions mitigation design, as well as being a company representative on national standards committees.

During his full time assignments, Dan has served as lead design engineer to Rosario, Argentina working with the manufacturing of Deere plow equipment from 1998 to 1999. Then again from 2004 to 2009 Dan had the opportunity to be the Lead design engineer to Welland, Ontario Canada working with the manufacturing of Deere utility vehicles. Dan is the recipient of 5 patents with other applications pending. In addition to his impressive young career accomplishments, Dan has completed two additional degrees during his free time, receiving an MBA as well as an AA degree in Spanish and has also served on the WI Section officer team as the Vice Chair of Awards.

Dan has worked for Martin Schramm, who nominated Dan for this prestigious award, since 2003 for which Martin says, "Dan not only performs his engineering tasks with sound solid analyses, parallel path approaches, fact based decision making, and verification of design, he is well received from his peers, suppliers, factory floors, and in general his daily contacts. Dan is a fine example of a very successful and very capable Young Engineer."

Wayne G. Russell Award: Dr. Richard Straub



Presented to Ron by Robert Fick, Alliant Energy

Nominated by Ron Schuler, Professor Emeritus, Biological Systems Engineering Dept. UW Madison

This award is given 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 co-sponsored by Wisconsin Power & Light and the Midwest Farm Equipment Association.

This year's recipient has been immersed in agriculture since the very beginning. Dr. Richard J. Straub started his life on a dairy farm in New York and as a youth, his family moved to a dairy farm south of Madison in the mid-1950's. He has lived on that farm since that time and continues to operate the farm today, having first-hand experience of farm mechanization.

Dr. Straub has contributed to the Wisconsin Agriculture Industry for thirty-one years serving on the faculty of the Biological Systems Engineering Department at the University of Wisconsin-Madison where he has had outstanding teaching and research records; as well as serving more than 10 years in the College of Agricultural and Life Sciences (CALS) administration where he has held several important positions including Director of Agricultural Research Stations.

Straub's excellent performance as a teacher was recognized through the John S. Donald Excellence in Teaching Award for his FISC courses and the Polygon Outstanding Instructor,

College of Engineering, (three times) and the Spitzer Excellence in Teaching Award, CALS for the undergraduate program. During his twenty-one years of teaching the FISC farm machinery course, nearly all these students, an estimated 800, returned to the farm where they can directly apply the newly acquired knowledge of agricultural equipment technology.

As a researcher, Straub studied new technology for forage harvesting and storage having results with immediate application to Wisconsin agriculture. He also contributed to research involved with experimental technologies such as the forage macerator and processes for separating high valued proteins from forage crops, which could provide an added value product for Wisconsin Agriculture. He is author or co-author of nearly 150 research articles and is listed on four US patents.

As department chair (1996-99, 2007-present) Straub has provided outstanding leadership in expanding the role of the department into areas of the engineering field such as new energy sources and related processes while still maintaining many of the traditional areas of the department such as machinery systems, building systems and environmental and natural resources. During his current term as chair he has provided leadership resulting in increased enrollments of seventy-five percent for the undergraduate program.

In 1999, Straub was appointed the Director of Agricultural Research Stations where he provided leadership and long range and strategic planning for the CALS system of thirteen research stations located throughout Wisconsin. More recently he has held additional CALS positions including: Director of Agricultural Programs, Technical Liaison with Wisconsin commodity and stakeholder groups, and Director of Animal Programs. Straub also has responsibility for providing leadership in animal research compliance issues in CALS.

He served as chair of the Agricultural Equipment Standards Committee and the Standard Counsel. ASABE recognized Straub's contributions by awarding him ASABE Fellow, ASABE President's Citation and two Outstanding Papers.

Dr. Straub had the privilege of sharing this moment with his son Brian, a junior in high school, and a (hopeful) future Biological Systems Engineer student!

(Note: the above comments regarding Dr. Straub are an edited version of the nomination papers that were submitted to the award committee on his behalf).

Recognition of Member with Milestone Membership Anniversaries



Pictured: Robert Butler and Fred Kuhn

The following members were recognized for their commitment to the organization:

| <u>Name</u> | <u>Years of Membership</u> |
|--------------------|----------------------------|
| Jean S. Jonjak | 25 years |
| David W. Kammel | 25 years |
| Fred G. Kuhn | 25 years |
| Anthony J. Saiia | 25 years |
| Robert M. Butler | 40 years |
| James C. Converse | 40 years |
| Michael J. Tiry | 40 years |
| C Gene Simons | 50 years |
| Harry D. Henderson | 60 years |

REGISTRATION
WISCONSIN FARM TECHNOLOGY DAYS
July 21st, 2010

| | Number Attending | Cost | Total |
|--|------------------|---------------------------------|----------|
| Tour of Future Farm – 3:00 pm | _____ | Free | |
| Tour of UW-River Falls Ag Eng Tech Dept – 4:30 pm | _____ | Free | |
| UW-River Falls Mann Valley Farm Open House – 5:00 pm | _____ | Free | |
| Dinner @ UW-River Falls University Center – Dinner at 6:30 pm | _____ | \$20.00/person students free | \$ _____ |

Information:

Name(s): _____

Address: _____

City/Town: _____ State/Zip _____

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

e-mail: _____

Return completed form and send by **July 14th** to:

Tim Koch

ASABE Wisconsin Section Program Chair

[Ameriprise Financial Services, Inc](#)

[W2322 Majesta Court](#)

[Watertown, WI 53094](#)

[P: 920-988-2408](#)

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