

PROGRAM TC

“DESTROYER Drag Bike”

- ◆ **Mark Fischer and Kurt Nelson (Harley-Davidson) will be here to introduce us to power side of this CVO dragster platform, new in 2006**



“Midwest Mini-Baja ~ update”

- ◆ **Glenn Bower (UW-Madison) will provide info on what’s cooking with the upcoming May2006 Mini-Baja. Plans are underway!**



“Clean Snowmobile Challenge”

- ◆ **Jay Meldrum (Keweenaw Research Center, Michigan Tech) wants to invite you and excite you... news about the CSC in Houghton, MI**

Wednesday, 22-Feb-2006



Meeting Location:
Harley-Davidson
Capitol Drive Engine Plant

11700 W Capitol Drive
 Wauwatosa, WI 53222 ph: 414.535.3780

- - - EVENT AGENDA - - -

Registration / Pictures:	4:45pm
Dinner:	5:30pm
Program:	6:30 - 8:00pm

- - - DINNER - - -

MENU:

Please select one – *CHICKEN Marcela* or *Roasted PORKLOIN*, plus vegetable, rolls and butter, dessert, and beverage. Hor’dorves will be available early.

DINNER PRICES:

SAE Members / Spouses:	\$20.00
Retirees:	\$15.00
Guests / Non-members:	\$25.00
Students w/ID	\$10.00

Registration:

Dinner reservations must be received the week before the event. Only pre-payments made with a **charge card** can be completed online via <http://milwaukee.sae.org>.

Pay-at-the-door registrations are email: milw-sae@wi.rr.com or by phone on the SAE Registration Line (414-687-3032).

Please be thorough. “No-shows” with reservations will be billed. 50-Year members entitled to 1 annual free dinner.

Registration deadline: 10pm – February 19th, 2006

Tonight's Speakers:

“DESTROYER Drag Bike”

Mark Fischer is a Staff Program Engineering Manager for the Parts & Accessories Custom Motorcycle Division of the Harley-Davidson Motor Co., at Juneau Avenue, Milwaukee. He and **Kurt Nelson**, another Parts & Accessories Custom Motorcycle Division Engineer, will be presenting lots of baseline information on the ideas behind this exciting, factory production dragster. You won't want to miss it!

“Clean Snowmobile Challenge”

SAE Milwaukee Chapter March Meeting at the SAE Clean Snowmobile Challenge at Michigan Tech

Lead organizer for the SAE Clean Snowmobile Challenge, **Jay Meldrum**, of the Keweenaw Research Center of Michigan Tech will be on hand to review the schedule of events for CSC 2006. This will be CSC #7, and the fourth year in a row that the event has been held at MTU. The design theme for this year is: “Beat the Standards for 2012.” At the event, a new test program for subjective noise evaluations will be used. Sixteen Teams from across the U.S. and Canada have entered. UW Madison and Platteville have team entries. Also, a new category for electric sleds has generated interest from three teams, Clarkson, Utah State, and McGill University.

SAE Chapter members are encouraged to attend and/or to be involved in the judging activities.

“Midwest Mini-Baja ~ update”

Glenn Bower, University of Wisconsin, has teamed up with the SAE Milwaukee Section in an effort to revamp and revitalize the upcoming Midwest 2006 Mini-Baja event. Elkhorn is the home of the Walworth County Fairgrounds and this year's static events. The MGA Research Facilities (old AMC proving grounds) located 5 miles south of Burlington, will be the site of the dynamic events. Both facilities are close to Lake Geneva. The Baja dates will be May 24-27, which is a shift in past format to a Wednesday-through-Saturday timeslot. Event Volunteers from the Milw Section are being sought now.

MGA is allowing unlimited modification to approximately 160 acres of their facilities for the endurance and maneuverability events. They have a 5 acre paved facility adjacent to this acreage which is located on a plateau above the course. The initial course layout has been completed and the obstacles have been identified. Two new policies will be implemented during this event. First, if your car requires assistance through an obstacle your kill switch will be activated and the car must be towed to the pits. The car can reenter the course from the pit area at this point, but will miss the lap counting station. Second, obstacles will be rated and the higher difficulty obstacles will be initially bypassed. They will be added into the course as the endurance event progresses. Teams will have the opportunity to practice on the course the night before the endurance event so they can make any necessary modifications.

The dynamic event will include acceleration, maneuverability, chain pull and a mud bog. Two of these events are new to the Midwest and will hopefully add excitement to the event. All the obstacles on the endurance course are available for naming through sponsorship.

Milwaukee Section 2005-2006 Governing Board

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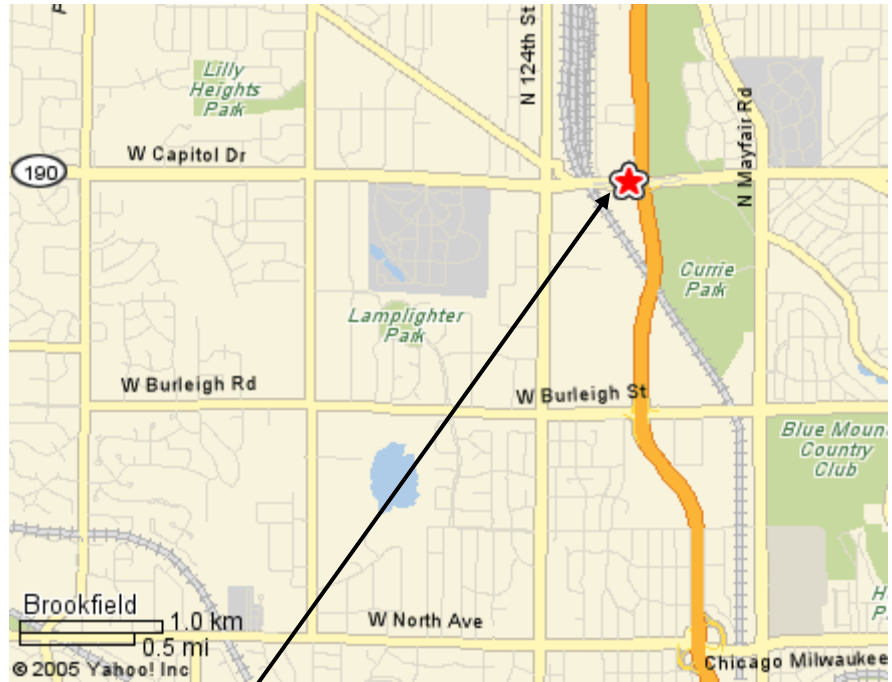
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Harley-Davidson Map:



**I-45
(interstate)**

**Capitol Drive Engine Plant
11700 W Capitol Drive
Wauwatosa, WI 53222**



2006 MINI BAJA



Mini Baja® consists of three regional competitions simulating real-world engineering design projects and challenges. Engineering students design and build an off-road vehicle that will survive the severe punishment of rough terrain.

The object of the competition is to provide SAE student members with a challenging project that involves the planning and manufacturing tasks found when introducing a new product to the consumer industrial market. Teams compete against one another to have their design accepted for manufacture by an imaginary firm. Students must function as a team to not only design, build, test, promote, and race a vehicle within the limits of the rules, but also to generate financial support for their project and manage their educational priorities.

Four Baja events are held in different regions of North America - East, Midwest, West and Mexico. The Milwaukee Section is privileged to host the Midwest event every other year. International SAE events are held in Korea, Brazil and South America. The Baja is a very popular student challenge. A number of students in high school have gotten involved in engineering because of these types of events and the college teams use this event to recruit engineering students as well. Events of this type breed winners and mold the hands of engineers that work in a team environment. Companies are encouraged to look hard at this event as an opportunity to recruit some of their best young engineers, and to make good use of advertising opportunities that foster corporate name recognition during the competition.

SAE Midwest Baja 2006 is hosted by SAE Milwaukee Section. The competition will occur at two sites this year - the MGA Research Corporation facility and the Walworth County Fairgrounds. We're very excited about the change in venue! The Baja Committee feels in 2006 we will better serve the event and our participants by using these locations. Please visit www.baja.wisc.edu for more information and contact Joe at 262-636-1362. Get caught up in the action!

March 13-18 Event (trip) Clean Snowmobile Challenge 2006 – Houghton, MI

March 16 Meeting Bruno Independent Living Aids – Waukesha

April 19 Meeting SAE Student Night – UWM Milwaukee Campus

May 27 Family Night Meeting 2006 Mini-Baja – Walworth County Fairgrounds & MGA

*Upcoming
Events*

Meeting Sponsorship

We wish to thank the following organizations for their continued support of the Milwaukee Section:

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& FRIEDRICH LLP

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For more information on becoming a sponsor, please contact any Section Board member.

Keep current with us on these SAE web sites:

www.saemilwaukee.org for the Milwaukee Section or
the national site at www.sae.org

For more information on **A World In Motion** call: 724-772-8514, and ask for Darlene Geweth
email: awim@sae.org internet: www.sae.org/foundation/awim