



Collegiate Design Series News

Volume 2, Issue 3 December 2004

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UC Berkley at Supermileage
in Marshall, Michigan



Register Early and Save \$\$\$\$

The following competitions are still open at the early registration rates.

Competition	Last Day for Early Registration	Late Registration Fee
Clean Snowmobile Challenge.....	Dec. 31, 2004.....	No late registration
Aero Design East.....	Dec. 31, 2004.....	\$400.00
Aero Design West	Jan. 15, 2005	\$400.00
Robot Systems Challenge	Jan. 31, 2005	\$600.00
Mini Baja East	Jan. 17, 2005	\$600.00
Mini Baja 100.....	Jan. 17, 2005	\$600.00
Supermileage.....	Jan. 17, 2005	\$350.00

Formula SAE and Midwest Mini Baja registration is closed.

The last day to order a Briggs & Stratton engine for the Mini Baja or Supermileage competitions is January 17, 2005. Engine orders will not be accepted after this date.

Don't delay, register today!

Win Free Registration for 2006!

SAE's Collegiate Design Series is once again holding the contest for Free Registration. All you have to do is submit an article to CollegiateCompetitions@sae.org in regards to your team. You can talk about what you have done in previous years, what you are planning for this year, if you have attended any conferences, held any competitions or worked with younger children, etc. The article is of your choice. All we ask of you is that you submit at least 500 words and some photos to compliment with the article. If we use your article, we reserve the right to edit as we choose and we will also put you in the drawing for FREE REGISTRATION. We will pick the winner after the end of the competition season in 2005.



Michigan Tech University at
Aero Design East in DeLand, Florida

Be a Mini Baja West Host!



Oregon state University on the rock crawl phase of the endurance race.

Have you ever considered hosting a Mini Baja West? Hosting a Mini Baja competition has many benefits, including:

- **Publicity** – Mini Baja competitions generate a lot of media interest.
- **Visibility** – Your institution will be exposed to hundreds of students and faculty from North America, Canada, and many other parts of the world.
- **Corporate Networking** – Mini Baja sponsors and judges represent a number of major corporations. This is a chance to make important connections.
- **Team Building** – Mini Baja can attract your staff, or members, to take part in an interesting project that builds cooperation and team work.

What do you need to host a Mini Baja? First and foremost, you'll need enthusiastic volunteers to work as event organizers, judges, and course marshals. Second, you will need a rugged off-road site for courses that really challenge the cars and drivers.

What do you get to start the process? Financial support in the form of registration fees, sponsorship revenue, and Mini Baja support funds, as well as consultation and full instructions on hosting.

If you would like more information on hosting a Mini Baja West competition, please contact Sam Barill at barill@sae.org.



University of Utah at Mini Baja West.



Purdue University West Lafayette on the moto-cross course.

Some Improvements for FSAE 2005

Next May when you arrive at the Pontiac Silverdome for Formula SAE 2005 you'll find a number of procedural and the layout changes that will make the competition run smoother.

First, your team's paddock space will be assigned at the gate as soon as you arrive so there will be no waiting. Second, as you pass through the gate you'll be given a registration package with all the forms you'll need to present at registration. Completing the forms before coming to registration will greatly reduce the amount of time you spend waiting in line. We'll be telling you more about this simplified procedure in future CDS Newsletters.

Third, the static event area including the tents for technical inspection, design and cost will be enlarged and reorganized to make it easier to access the events and to move and stage the cars. Fourth, we're redesigning the dynamic event sites to give us a better practice track/brake testing area and to simplify staging.

Finally, there'll be better site maps and improved signage so you'll know exactly where to go and when to be there.



California State University - Sacramento FSAE team #50 during endurance race.

How's this for a college graduation gift: FREE SAE membership!

We have great news regarding student members upgrading to professional SAE membership. SAE is now offering student members the first year of professional membership for FREE! Student members are eligible up to a year prior to graduation and one year following expiration of student membership after graduation. These individuals are required to submit a Transfer My Membership form online at: [_](#)

Alternately, these individuals may transfer by contacting SAE Customer Service Center (CustomerService@sae.org).

The discounted dues structure for upgrading student membership is: 1st year FREE, 2nd year \$40, 3rd year \$60, 4th year full dues. If you know a student member who is about to graduate or recent graduate, help us communicate this excellent opportunity for experiencing professional membership for free. These young members, who are the future of our organization, will now have one full year to get hooked on the benefits of SAE - for FREE!

Kansas State University crossing the railroad ties in the endurance race.



2004 Mini Baja South Africa

The 2004 Sasol Mini Baja competition, held at Gerotek Test Facilities and Zwartkops Off Road Academy (Zora) on October 15 and 16th, saw the #1 team from Tshwane University of Technology (Pretoria) emerge as the definitive winners.

The competition was sponsored by Sasol and organized by the University of Pretoria's Mechanical and Aeronautical Engineering Department (TUKS). Schalk Els, TUKS organizer, says that the competition was "the best ever in all respects".

Thirty-four teams (30 official and 4 social) did their best to reach new engineering frontiers with their purpose-built, space-frame vehicles, powered by 7.5kW (10HP) Briggs & Stratton engines. Besides teams from around Southern Africa, entries were also received from the Dehli College of Engineering (India) and Isfahan University of Technology (Iran), the latter winning the ZORA "Best Team Spirit" trophy.

University of Pretoria's #4 car squad finished second overall in the total points' standings, 27 points behind the victors, while the Cape Technikon's #34 entry were placed 3rd, collecting R2000, of the total of R10 000 prize money provided by Sasol and TUKS, in

association with the other event sponsors, Briggs & Stratton, Gerotek and the Automotive Industries Development Centre (AIDC). This TUKS team was also tops in static judging at Gerotek.

The Automotive Industries Development Centre presented the (#30) Port Elizabeth University of Technology team with the award for the vehicle with the best feasibility of mass production. Rand Afrikaans University (#26) and the (#12) University of Cape Town were placed 2nd and 3rd in this category of the Sasol Mini Baja 2004, respectively.

Tshwane's overall victors also took top honours in



Team #29 during maneuverability



Team #13 during endurance

the four-hour Sasol endurance race at ZORA and on the performance event category log. In the survival of "the strongest and fastest" endurance event at Zwartkops on Saturday, the two University of Witwatersrand outfits (car #11 and #31) were so close together for second that only a small time gap gave that honour and trophy to the #11 team, who were 5 laps down on the winners at the finish.

Amongst the social teams competing, Industrial and Automotive Design were declared the winners after an all-round professional effort over the two days that actually would have placed them 2nd overall if they were competing for points in the Sasol Mini Baja 2004.

Full results of the event are available at www.me.up.ac.za/mini_baja.



Tshwane University of Technology (Pretoria) first place

University of Witwatersrand Team #11



Team 3 in Mud Pit

Clean Snowmobile Challenge



MichiganTech
**Keweenaw Research
Center**

MichiganTech
**Mechanical Engineering-Engineering
Mechanics Department**

2005 Sponsorship Guidelines

More than 150 students are expected to participate in the 6th annual SAE Clean Snowmobile Challenge. Seventeen collegiate teams will test their engineering designs against one another during this exciting four-day event. Universities from Michigan, Idaho, Wisconsin, New York, Wyoming, Colorado, Ontario, Georgia, Florida, and Maine are scheduled to compete.

Sponsorship of the competition provides you with the opportunity to demonstrate your support of engineering education and research. You can heighten your brand name among students, faculty, industry representatives, snowmobilers, environmentalists, and public land managers. In addition, you will be helping to find a solution to the problems associated with snowmobile use in environmentally sensitive areas.

Levels of sponsorship, ranging from Contributor to Platinum Level, are detailed on the on the next page of this document. In addition to the benefits listed by level, sponsors will have visibility in promotional brochures, press releases, the Clean Snowmobile Challenge program, the SAE student newsletter, and the SAE website. As a sponsor, your company or organization will also have the opportunity to host a luncheon or banquet, access the student mailing list to market your products, advertise in the SAE student newsletter, hyperlink to SAE's website, provide volunteers to work at the SAE CSC 2005, become involved with committees, network with industry and academic professionals, and recruit future employees from among participating students in a cost-effective manner.

All contributions to the SAE CSC 2005 will be made through the Keweenaw Research Center, a nonprofit research arm of Michigan Technological University. Jay Meldrum, director of the Keweenaw Research Center, and William Predebon, chair of the Mechanical Engineering-Engineering Mechanics Department, are the lead organizers of SAE CSC 2005.

If you are interested in becoming a CSC 2005 sponsor, please contact
Jay Meldrum at 906-487-2750, <jmeldrum@mtu.edu>, or
return your SAE CSC 2005 Sponsor Pledge Form today to:
Michigan Tech/KRC, 1400 Townsend Drive, Houghton, MI 49931

Visit our website at www.mtukrc.org

*Please help make this event possible...
BECOME A SPONSOR TODAY!*



WASHINGTON INTERNSHIPS FOR STUDENTS OF ENGINEERING

Summer Program on Engineering and Public Policy - June 6 to August 5, 2004

APPLICATION DEADLINE

10 DECEMBER 2004
(postmarked)

For application forms and more information, go to:

<http://www.wise-intern.org>

WISE Program
c/o IEEE-USA
1828 L Street, N.W.
Suite 1202
Washington, DC 20036-5104
Tel: 202.785.0017
Fax: 202.785-0835
E-mail: info@wise-intern.org

WISE SPONSORS

- American Institute of Chemical Engineers
- American Nuclear Society
- American Society of Mechanical Engineers
- Institute of Electrical & Electronics Engineers
- Society of Automotive Engineers

Supported By



The Washington Internships for Students of Engineering (WISE) program offers a unique opportunity for eligible engineering students to spend a summer in Washington learning how government officials make decisions on complex technological issues and how engineers can contribute to legislative and regulatory policy decisions.

Throughout the nine weeks, students will meet with leaders in the Congress and the Administration, prominent non-governmental organizations, and industry. In addition, each student prepares a paper on a current engineering related public policy issue that is important to their sponsoring society.

Interns work under the guidance of an engineering faculty-member-in-residence and are mentored by their sponsoring society.

Interns receive a \$2100 stipend, a local travel allowance, and housing in the George Washington University dormitories.

Applications for WISE are sought from outstanding engineering students who display evidence of leadership skills and have a keen interest in public policy. Applicants should be undergraduate engineering students (juniors or seniors) or recent graduates beginning study in technology policy-related Master's program. Applicants must be citizens or legal permanent residents of the United States. Minority students are encouraged to apply.

Interested students must apply directly to one or more of the sponsoring societies of which they are a student member, using the application form provided at <http://www.wise-intern.org>.

WISE Alumni on WISE

"WISE helped me learn how the public policy arena is set up and operates, how technology, economics, and public policy work together."

"I had the most amazing summer of my life, and in a lot of ways, I wish it would never end."

"WISE was exactly what I had hoped for in terms of exposure to engineers in the public policy arena. It really opened my eyes to the possibilities for engineers outside of the traditional corporate setting. Whether or not I pursue a career with a public agency, I know this experience has made me a better engineer who is more in tune with the 'real' world of politics and government."

"The summer I spent in the WISE program was extremely influential on my career path. It gave me new insights into the types of career opportunities that could combine my interests in technology and public policy."



WIN with SAE International™

Join. Renew. Sponsor.

No matter which route you take, SAE membership is a winning proposition.

- New members win by becoming part of a student chapter and getting access to the benefits of SAE membership.
- Renewing members win by continuing your relationship with the society, to enhance your technical knowledge and career prospects
- Sponsoring members win by sharing the benefits of membership and strengthening your chapter.

Everyone has a chance to win great prizes – You are entered in our prize drawing when you join or renew, and get an additional entry for each new member you sponsor!

To be eligible, membership applications and renewals must be received by December 31, 2004

How to Enter

- Write your name and SAE membership number in the sponsor area at the top of the application on the back of this page
- Make copies of the application
- Give an application to everyone you know!
- Ask new members to send in the application with their \$10 dues payment
OR
- Ask prospective members to go online at students.sae.org, click on "Join now" and enter your SAE member number in the sponsor area. The more members you sponsor, the more chances you have to win these great prizes!*

*Void where prohibited by law. All SAE student members are eligible for this contest. You receive one chance in the drawing for each new student member you sponsor.

For more details and an application, visit <http://www.sae.org/students/studentpromo.pdf>

Great Prizes – Lots of Winners:

- 3 - iPods (20.0 GB storage)
- 1 - Nikon CoolPix 4.0 MP Digital Camera
- 1 - Palm One Handset Organizer
- 5 - Portable USB Hard Drives
- 10 - \$50 Best Buy Gift Certificates
- 10 - \$50 Gap Gift Certificates
- 10 - \$40 SAE Store Gift Certificates
- 100 - Hard-copy subscriptions to the SAE magazine of your choice: *Automotive Engineering International* or *Aerospace Engineering*

*Student engineering in action –
Creating skilled engineers for the future!*

SAE Collegiate Design Series



Sponsor • Recruit • Achieve Results
students.sae.org

Formula SAE®

May 18-22, 2005

Pontiac, Michigan - USA

Students design, fabricate, and compete with small formula-style race cars. Restrictions are placed on the car frame and engine so the students' knowledge, creativity, and imagination are tested. Four cycle engines up to 610cc can be turbocharged or supercharged to add a new dimension to the challenge of engine design. The vehicles are judged in three different categories: static inspection and engineering design, solo performance trails, and high-performance track endurance.

Exposure

At the 2005 Formula SAE, you will reach over 1,900 of the world's best students representing over 135 universities. Engineering students that participate in FSAE™ gain invaluable experience in project management, teamwork, communication, design, and manufacturing processes.

	2000	2001	2002	2003	2004
Participants	1068	1241	1551	1575	1984
Teams	89	108	117	111	139

"Formula SAE was the most educational and rewarding team-oriented project I have ever had the pleasure of working on. It gave me the opportunity to learn skills such as time management, teamwork, managing to schedules and budgets, and delegation that I could never have learned in a classroom. In fact, the work cadence, need for teamwork, and sense of camaraderie here at the Rod Millen Group are so similar to those of SAE student competitions, we hire competition veterans almost exclusively. We have found that if students can meet the challenges of an SAE competition such as FSAE™, they are typically very well prepared to be a productive and integral part of our design team."

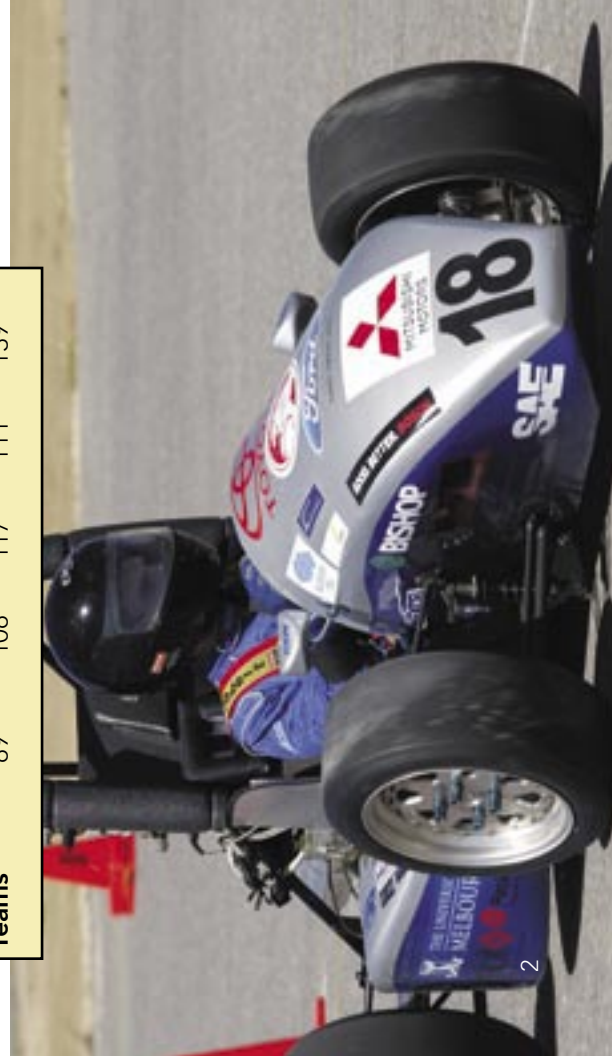
- Dean Banks

Engineering Manager,
Rod Millen Motorsport/Rod Millen Special Vehicles

Top companies where Formula SAE alumni are employed

- Altair Engineering Inc.
- Bombadier Recreational Products
- BorgWarner
- Continental Teves
- Cummins Diesel
- DaimlerChrysler Corporation
- Dana Corporation
- Delphi Automatic Corporation
- Eaton Corporation
- Ford Motor Company
- General Electric Corporation
- General Motors Corporation
- Goodyear Tire & Rubber Company
- Hamilton Sunstrand Power Systems
- Harley-Davidson Motor Company
- Honda R&D Americas Inc.
- Honeywell
- International Truck and Engine Company
- Kenworth Truck Company
- Nissan Technical Center NA Inc.
- Pratt & Whitney
- Robert Bosch Corporation
- Roush Industries Inc.
- Toyota Technical Center USA Inc.
- TRW Automotive
- Visteon Corporation

**As a sponsor of Formula SAE,
you'll reach the trained engineers of tomorrow!**



Sponsorship

Thousands of students from hundreds of universities participate in the SAE Collegiate Design Series. As a corporate sponsor, your company will start a long-term relationship with tomorrow's leading engineers! You will reach your best future employees through this highly-targeted audience.

Promoting your company and engineering education is an easy, cost-effective way to distinguish your company from the competition! Act now and register to sponsor one or more of the following competitions:

- Formula SAE®
- Mini Baja®
- Aero Design®
- Clean Snowmobile Challenge™
- Supermileage®
- Robots Systems Challenge™

Sponsorship details are included in this brochure. Your company will increase its visibility with students, faculty, industry volunteers, and other corporate sponsors by sponsoring one or more of these competitions.

Keep in mind that anything is possible, so call today to discuss a customized package to meet your needs!

2004 Collegiate Design Series Total Student Participation				
2000	2001	2002	2003	2004
2896	3199	3419	4300	4557

How to become a sponsor

There are several different sponsorship levels and packages offered for the SAE Collegiate Design Series. Plus, a custom sponsorship package can be created to best meet your company's needs! If you have a unique idea or concept that will enhance your presence at the competitions, please call today and we'll create a custom sponsorship package.

To register as a sponsor or for more information, please contact:

Doug Shymoniak
SAE International
Phone: 1-724-772-4081
Email: shymoniak@sae.org

Sponsor Testimonials

"Bosch has benefited greatly from our involvement in Formula SAE. In my area alone, we have 6 FSAE alumni out of 40 associates. We also assist a couple of local universities and this has lead directly to the recruitment of 2 associates in our department. All these FSAE alums have hands-on talent, are team players, and know how to take a project to completion and how to document it. I'm quite sure we could build the entire department from FSAE alums."

Scott McNeil,
Engineering Manager, Engine Management Systems
Robert Bosch Corporation

"As a long term sponsor of the Mini Baja teams, we are able to meet excellent engineers who have the potential to become members of the Honda team. Because of our involvement, we have been able to build up a good rapport with the teams, advisors, and other sponsors over the years."

Tamara Jenkins,
Human Resources Coordinator, Honda R&D Americas, Inc.

Mini Baja®

Mini Baja East — May 5-7, 2005 • Rochester, New York - USA
Mini Baja 100 — June 1-4, 2005 • Tucson/Tinaja Hills, Arizona – USA
Mini Baja Midwest — June 17-19, 2005 • Troy, Ohio - USA

Engineering students are tasked to design and build an off-road vehicle that will survive the severe punishment of rough terrain and, in the East competition, water. 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.

Exposure

Through the Mini Baja Series, you will reach over 1500 engineering students that learn how to function as a team to design, build, and race their vehicles, as well as secure financial support for their projects and manage their education priorities.

All vehicles are powered by a 10-horsepower Intek Model 20 engine donated by Briggs & Stratton Corporation. For more than 25 years, the generosity of Briggs & Stratton has enabled SAE to provide each team with a dependable engine free of charge. Use of the same engine by all the teams creates a more challenging engineering design test.

	2000	2001	2002	2003	2004
Mini Baja East					
Participants	271	232	258	359	397
Teams	31	33	48	42	57
Midwest Mini Baja					
Participants	569	554	506	830	665
Teams	88	96	11	123	120
Mini Baja West					
Participants	478	563	538	717	651
Teams	76	86	96	98	85

"Mini Baja provided me with invaluable experience in project management, teamwork, communication, design, and manufacturing. This hands-on approach is an important aspect of any engineering environment. My experience in the SAE Collegiate Design Competitions was instrumental in establishing my automotive career at Honda R&D and in obtaining my dream job at Porsche in Germany."

- Richard Velazquez
 Design Engineer, Porsche AG

Top companies where Mini Baja alumni are employed

- Caterpillar Inc.
- DaimlerChrysler Corporation
- Dana Corporation
- DENSO Corporation
- Ford Motor Company
- Freightliner LLC
- General Motors Corporation
- Harley-Davidson Motor Corporation
- Honda North America Inc.
- Honda R&D Americas Inc.
- Honeywell
- International Truck and Engine Corporation
- Kenworth Truck Company
- Nissan North America Inc.
- Peterbilt Motors Company
- Polaris Industries Inc.
- Siemens Corporation
- Toyota Motor Sales USA Inc.
- TRW Automotive
- U.S. Army
- Visteon Corporation

**As a sponsor of Mini Baja,
 you'll reach the trained
 engineers of tomorrow!**



Aero Design®

Aero Design East — April 8-10, 2005 • Orlando, Florida – USA
Aero Design West — April 22-24, 2005 • Ft. Worth, Texas - USA

Engineering students are challenged to conceive, design, fabricate, and test a radio controlled aircraft that can take off and land while carrying the maximum cargo. This gives students the opportunity to apply the knowledge learned in the classroom on a practical problem.

Exposure

Sponsoring the Aero Design Series will give your company the opportunity to reach over 400 of the world's best students representing over 85 universities. Engineering students that participate in Aero Design enhance their project management, teamwork, communication, design, and manufacturing skills.

	2000	2001	2002	2003	2004
Aero Design East					
Participants	160	191	76	236	222
Teams	32	32	0	39	26
Aero Design West					
Participants	152	118	214	186	204
Teams	24	22	39	34	41



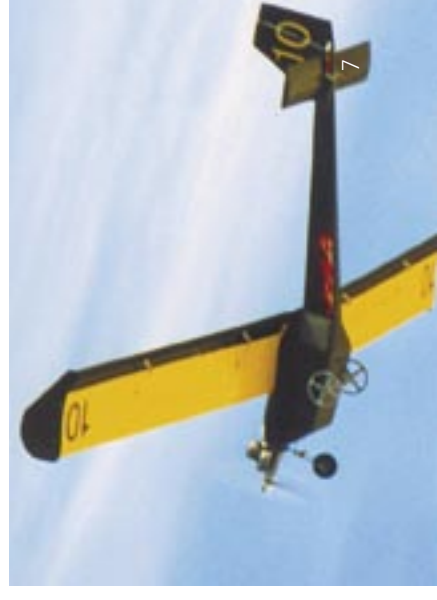
"Networking is essential to career growth and success. SAE provided a forum for me to establish contacts with other students, faculties, and industry professionals around the country which helped me land a job with my current employer, Lockheed Martin."

- Lonnie R. Dong
 Aeronautical Engineer, Lockheed Martin

Top companies where Aero Design alumni are employed

- Aircraft Braking Systems Corporation
- Boeing Company
- Cessna Aircraft Company
- Delta Air Lines, Inc.
- General Dynamics
- Goodrich Aerospace
- Gulfstream Aerospace Corporation
- Honeywell
- Lockheed Martin Aeronautics Company
- McDonnell Douglas Aircraft
- Northrop Grumman Corporation
- Parker Aerospace
- Pratt & Whitney
- Raytheon Aircraft Company
- Space Dynamics Laboratory
- U.S. Air Force
- U.S. Army
- United Space Alliance
- Woodward Aircraft Engine Systems

As a sponsor of Aero Design, you'll reach the trained engineers of tomorrow!



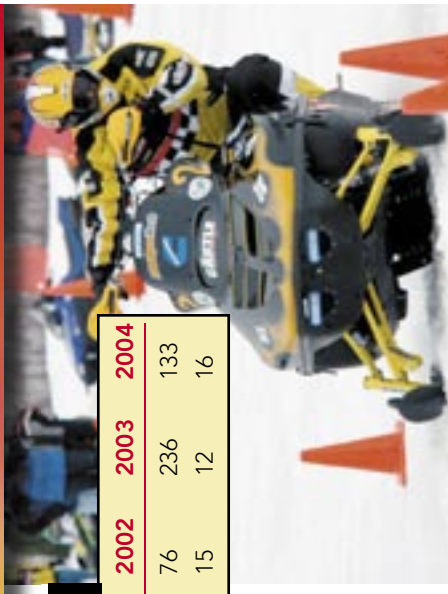
Clean Snowmobile Challenge™

March 14–19, 2004 • Houghton, Michigan - USA

Engineering students must re-engineer an existing snowmobile for improved emissions and noise while maintaining or improving the performance characteristics of the original snowmobile. The modified snowmobiles are also expected to be cost-effective.

Clean Snowmobile Challenge™

	2000	2001	2002	2003	2004
Participants	160	191	76	236	133
Teams	7	13	15	12	16



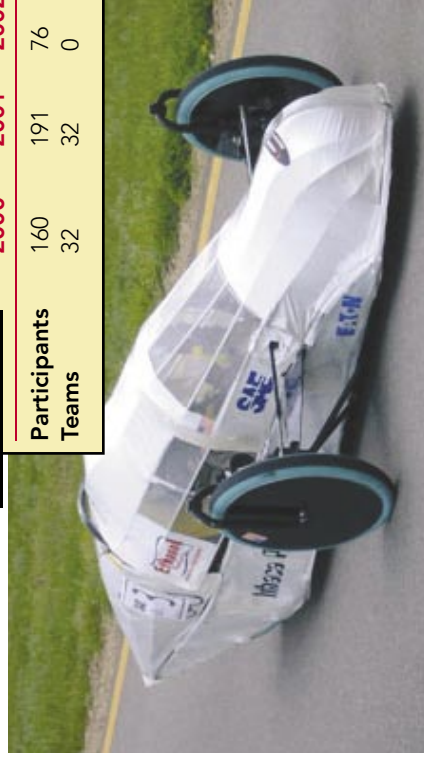
Supermileage®

March 9-10, 2005 • Marshall, Michigan - USA

Engineering and technology students are challenged with a design project that involves the development and construction of a single-person, fuel-efficient vehicle. Vehicles are powered by a small four-cycle engine. Students have the opportunity to set a world fuel economy record and increase public awareness of fuel economy. Engines are donated by Briggs & Stratton.

Supermileage®

	2000	2001	2002	2003	2004
Participants	160	191	76	236	222
Teams	32	32	0	39	26



Robot Systems Challenge

April 28-30, 2005 • Montreal, Quebec – Canada

Students design, build, and test a walking machine with a self-contained power source. During the competition, the machines perform ten tasks that challenge students to think creatively. Students participating in this competition have the opportunity to familiarize themselves with technologically advanced components and systems necessary for the construction and development of robots and other complex intelligent machines.

Robot Systems Challenge

	2000	2001	2002	2003	2004
Participants	57	93	56	109	126
Teams	11	16	23	16	20



2005 Collegiate Competitions Sponsors

Interested in being a sponsor? Email Doug Shymoniak at Shymoniak@sae.org for sponsorship opportunities.

Corporate Sponsors

DaimlerChrysler
Ford Motor Company
General Motors
Briggs & Stratton – Mini Baja and Supermileage –
Platinum Sponsor
Hoosier Racing Tire – FSAE – Gold Sponsor
Visteon Climate Control – FSAE – Gold Sponsor
Bruel & Kjaer – FSAE – Gold Sponsor
International Snowmobile Manufacturers Association (ISMA)
– Clean Snowmobile Challenge – Gold Sponsor
Gage Products – Clean Snowmobile Challenge –
Gold Sponsor
Michigan Snowmobile Association (MSA) – Clean Snowmobile
Challenge – Gold Sponsor
Lotus – Clean Snowmobile Challenge – Gold Sponsor
Polaris Industries Inc. – FSAE – Silver Sponsor
EMITEC – Clean Snowmobile Challenge – Silver Sponsor
Risse Racing Technology – FSAE and Mini Baja –
Bronze Sponsor
American Council of Snowmobile Associations (ACSA) –
Clean Snowmobile Challenge – Bronze Sponsor
Blue Ribbon Coalition (BRC) – Clean Snowmobile Challenge
– Bronze Sponsor
PCB Piezotronics - Clean Snowmobile Challenge –
Bronze Sponsor
Portage Health System - Clean Snowmobile Challenge
– Bronze Sponsor
ThermoAnalytics, Inc. - Clean Snowmobile Challenge –
Bronze Sponsor
Woody's - Clean Snowmobile Challenge – Bronze Sponsor
CPC Colder Products - Clean Snowmobile Challenge
– Bronze Sponsor

Supplier Sponsors

Hoosier Racing – FSAE – Discount on racing slicks
Performance Electronics, Ltd. – FSAE – Discount on engine
control packages
Risse Racing Technology – FSAE - Discount on rear
suspension
Visteon Climate Control – FSAE – Free custom radiators on
first come first serve basis by 11/17/04
Mechanical Simulation Corp – FSAE & Mini Baja – 90%
discount on CarSim, vehicle dynamics simulation software.

Award Sponsors

Hoosier Tire Autocross Award – FSAE – Fastest three
recorded autocross runs.
Polaris Intake Systems Design Award – FSAE – Team that
displays most innovation in their air intake and fuel delivery
systems.
Polaris Innovative Suspension Award – Mini Baja – Team that
demonstrates a superior off-road suspension design.
Bruel & Kjaer Quiet Car Cup – FSAE - Awarded for the car
that measures the lowest dbA reading in the noise event.