



**The following are A World In Motion® workshops/conferences/events for December and January:**

**December 6, 2006**

GM Technical Ctr  
Warren, MI  
Workshop Ch 1  
[sheri.hickok@gm.com](mailto:sheri.hickok@gm.com)

**December 7-9, 2006**

NSTA Western Regional Conference  
National Science Teachers Association  
Salt Lake City, UT  
Teacher Workshops-Ch 2 & 3  
[www.nsta.org](http://www.nsta.org)

**December 12, 2006**

GM Technical Ctr  
Warren, MI  
Workshop Ch 1  
[sheri.hickok@gm.com](mailto:sheri.hickok@gm.com)

**January 8, 2007**

GM  
Detroit Public Schools  
Challenge 1  
[sheri.hickok@gm.com](mailto:sheri.hickok@gm.com)

**January 10, 2007**

GM  
Doraville, GA  
Challenge 1  
[sheri.hickok@gm.com](mailto:sheri.hickok@gm.com)

**January 19, 2007**

Sarasota Program  
Phoenix, AZ  
Challenge 1  
[sheri.hickok@gm.com](mailto:sheri.hickok@gm.com)

**January 24, 2007**

GM Janesville Assembly  
Janesville, WI  
Challenge 1  
[sheri.hickok@gm.com](mailto:sheri.hickok@gm.com)

**January 30, 2007**

GM Tech Center  
Warren, MI  
Challenge 1  
[sheri.hickok@gm.com](mailto:sheri.hickok@gm.com)

## AWIM is winner of National Technology Award

On Wednesday, November 15, 2006 AWIM was honored with the 2006 InnoVision Award in the category of 2006 Community Service. This award recognizes an organization for establishing and/or supporting innovative, technology-based projects and programs that improve the quality of life for a community. SAE International was presented the Community Service Award for the expanding presence of AWIM in classrooms in South Carolina's Upstate region.

The *A World In Motion*® curriculum joins together teachers, students and volunteer practicing engineers and scientists in an exploration of physical science. The program comprises a series of four curricula for students in grades four through ten. *A World In Motion* brings math and science principles to life through highly interactive learning experiences that incorporate the laws of physics as they relate to motion, flight and electronics.

*A World In Motion*® is funded by the SAE Foundation.

The InnoVision Technology Awards program, founded in 1999 by Deloitte & Touche, recognizes and honors businesses, individuals and organizations that have demonstrated significant advancements in the areas of innovation and technological progress.

The award was presented at the 2006 InnoVision Technology Awards dinner in Greenville, S.C.

A video of the AWIM program presented during the awards ceremony in Greenville can be seen at: <http://www.innovisionaward.org/winners.php?year=2006>

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## Pacific Northwest teachers extend huge "thank you"

A *World In Motion*® proved to be an overwhelming success at the Association of Christian Schools Convention held in October. Over 100 teachers representing 46 different schools attended one or more of the AWIM seminars. During the workshops they experienced the hands-on approach of Challenge 1, 2 and 3 projects.



The teachers left with their sample skimmers, balloon powered cars, gliders and Statement of Partnership forms in hand. Several thousand students will now have the opportunity to participate in the "Engineering Design Experience" as AWIM is brought into their classrooms. The seminars were conducted by Susan Lovelace from Northern California.



## Chicago students display AWIM projects.

Twenty-two students along with their teachers from two suburban Chicago schools were invited to present their completed AWIM projects at a reception hosted during SAE's COM-VEC (Commercial Vehicle Engineering & Exhibition).

Fifth grade students from Caroline Bentley School, along with their teacher, Sharon Stevenson, displayed their JetToy activity. The Challenge 2 projects were showcased by Streamwood High School students including four Hispanic students in a bilingual physical science class.

Through these programs students learn how to work in teams, solve problems and think both creatively and strategically. Math and science principles are brought to life through interactive classroom projects that are both exciting and fun for students.



Three of the Bilingual students who participated from Colon-Rivera's class.

Students from Greg Reiva's physical science class. Looking on far right is Carl Mach, Executive Director of NSBE (National Society of Black Engineers).

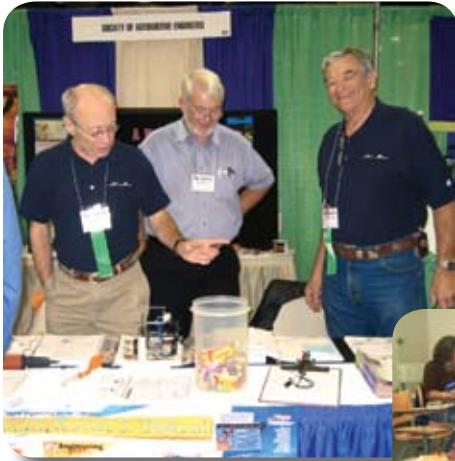


Design teams show their JetToy to an attendee at the reception.

## Texas Section Supports AWIM

*Fall into Step with Science* was this year's theme of the annual Conference for the Advancement of Science Teaching (CAST) recently held in Wichita Falls for Texas science teachers. Members from the North Texas Section of SAE staffed the booth during the conference and hands-on workshops were conducted to introduce elementary and middle school teachers to the AWIM challenges. Approximately 4,000 math, science and physics teachers attended.

CAST is the largest statewide science education conference in the United States, second only in size to NSTA (National Science Teachers Association) regional and national conferences.



SAE North Texas Section volunteers from L to R are Dr. Charles Lovas, Southern Methodist University, Jim Mayfield, Peterbilt, Lorton Trent, retired.



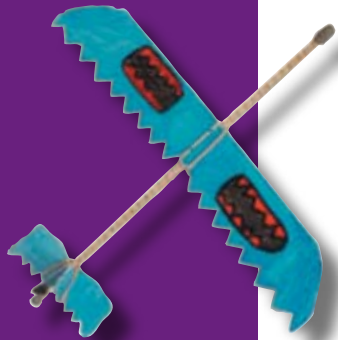
Teachers working on an electronics experiment from the Challenge 4 project.

## Canada

Two very successful workshops were held at Parksville on Vancouver Island, British Columbia during the month of October. For the twenty-three science teachers it was a role reversal as the Skimmer and JetToy curriculum, as well as Challenge 2 were presented to the educators.

This conference is the first of four that will cover the western provinces of Canada. Workshops are being held in Alberta, Saskatchewan and Manitoba at later dates.





## Purdue University, Indianapolis, Indiana

The goal of the Purdue University Minority Engineering Program (MEP) has been to attract, retain and graduate the very best in African American, Native American and Hispanic engineering talent from across the country.

Workshops were conducted to introduce alumni to the *A World In Motion*® Glider challenge. In turn they instructed 52 high school students who were selected to participate in the MEP based on SAT/ACT scores, high school transcripts and teacher/counselor input.

### AWIM Program Staff

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## Florida

One of the teachers who attended a teacher training workshop at the SECME (South Eastern Consortium for Minorities in Engineering) conference has already completed the Challenge 1 and 3 projects with his students.

JFK Middle School students from Riviera Beach, Florida are now engaged in the gears and wheels motorized toy.



Educator, Tommy Tucker, told SAE, "receiving all the free material has made his job starting a new research class completely possible. I am extremely grateful for all the help and his students have been thrilled with the hands-on activities."



To make a contribution to the SAE Foundation, visit their website at <http://www.sae.org/foundation>.