



## 25TH ANNUAL WISCONSIN SPACE CONFERENCE

Innovations in Flight  
August 14-15, 2015

### EAA AIRVENTURE MUSEUM

3000 Poberezny Drive, Oshkosh, WI

REGISTRATION	THROUGH 7/14	AFTER 7/14
General Registration	\$50	\$60
K-12 Teacher	\$40	\$50
Student	\$30	\$40

For more information or to register, please see  
<https://tix.extremetix.com/Online/EAA>

### HOTEL INFORMATION

Best Western Premier Waterfront Hotel  
and Convention Center

1 North Main Street Oshkosh, WI 54901

855.230.1900 | 920.230.1900

Please mention WSGC when booking.

### OPTIONAL HOUSING--LIMITED AVAILABILITY

UW Oshkosh Student Housing

\$30 or \$40/night plus minimal parking or bus fee

Call for details

Gruenhagen Conference Center

Phone: 920.424.1106

Please mention WSGC when booking.

If you have any questions regarding event  
registration, please contact:

August Hoeltzel

Event Coordinator

[ahoeltzel@eaa.org](mailto:ahoeltzel@eaa.org)

Phone: 920.426.6510



# INNOVATIONS IN FLIGHT



25TH ANNUAL  
**WISCONSIN SPACE  
CONFERENCE**

August 14-15, 2015 | Hosted by EAA

The Wisconsin Space Grant Consortium (WSGC) is a joint effort between NASA and organizations statewide. WSGC is dedicated to helping provide Wisconsin students, researchers, educators, businesses, not-for-profit organizations and other stakeholders with the tools, connections and resources needed to make the aerospace community in the state of Wisconsin thrive and grow.

### CONSORTIUM OFFICE/LEAD INSTITUTION

Wisconsin Space Grant Consortium  
 Carthage College  
 2001 Alford Park Drive  
 Kenosha, WI 53140  
 262.551.6054  
 spacegrant.carthage.edu  
 spacegrant@carthage.edu

### WSGC AFFILIATE MEMBERS

Aerogel Technologies, LLC  
 AIAA – Wisconsin Section  
 Alverno College  
 Astronautics Corporation of America  
 Biopharmaceutical Technology Center Institute  
 Carthage College  
 Carroll University  
 College of Menominee Nation  
 Concordia University  
 Crossroads at Big Creek  
 Experimental Aircraft Association (EAA)  
 Great Lakes Spaceport Education Foundation, Inc.  
 Kickapoo Valley Reserve  
 Lawrence University  
 Marquette University  
 Medical College of Wisconsin  
 Milwaukee School of Engineering  
 Orbital Technologies Corporation  
 Ripon College  
 St. Norbert College  
 Space Explorers, Inc.  
 Spaceflight Fundamentals, LLC  
 Spaceport Sheboygan  
 University of Wisconsin—Fox Valley  
 University of Wisconsin—Green Bay  
 University of Wisconsin—La Crosse  
 University of Wisconsin—Madison  
 University of Wisconsin—Milwaukee  
 University of Wisconsin—Oshkosh  
 University of Wisconsin—Parkside  
 University of Wisconsin—Platteville  
 University of Wisconsin—River Falls  
 University of Wisconsin—Sheboygan  
 University of Wisconsin—Stevens Point  
 University of Wisconsin—Stout  
 University of Wisconsin—Superior  
 University of Wisconsin—Washington County  
 University of Wisconsin—Whitewater  
 Western Technical College  
 Wisconsin Aerospace Authority  
 Wisconsin Department of Public Instruction  
 Wisconsin Department of Transportation  
 Wisconsin Lutheran College



### SCHEDULE | FRIDAY AUGUST 14

7:30am-8:15am.....	Registration, Continental Breakfast
8:15am-8:30am.....	Welcome & Introductions
8:30am-9:15am.....	Event Keynote Speaker
9:15am-10:15am .....	Plenary Session
10:15am-10:30am.....	Break
10:30am-12:00pm.....	Education and Research Sessions
12:00pm-1:00pm .....	Lunch
12:00pm-1:20pm .....	Individual Awardee Photos
1:30pm-1:45pm .....	Group Photo
1:45pm-3:15pm.....	Education and Research Sessions
3:15pm-3:45pm .....	Afternoon Break & Poster Session
3:30pm-4:30pm.....	Plenary Session
4:30pm-5:00pm .....	Award Presentations & Closing Remarks
5:00-6:00pm.....	Reception
6:00-8:00pm.....	Dinner & Keynote Speaker

### SCHEDULE | SATURDAY AUGUST 15

9:00am-11:00am.....	Student Workshop (optional) Preparing for the Next Step
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### EVENT KEYNOTE SPEAKER | JOHN MONNETT

Founder & President, Sonex Aircraft LLC

We are honored to have John Monnett, Founder and President of Sonex Aircraft LLC, as our Event Keynote Speaker. John, a multi-thousand hour private pilot with both glider and float plane ratings and an A&P Mechanic, has many designs to his credit including the Sonerai sport aircraft series, Monerai sailplane, Moni motorglider, Monex racer, along with numerous other homebuilt aircraft. John has over 40 years of homebuilt aircraft and restoration experience along with extensive engine development and testing experience. John was inducted into the EAA Homebuilder's Hall of Fame in 2001 and his designs are on display in the Udvar-Hazy National Air & Space Museum and the EAA AirVenture Museum.



### DINNER KEYNOTE SPEAKER | DR. R. AILEEN YINGST

Dr. R. Aileen Yingst is a Senior Scientist at the Planetary Science Institute, a research institution headquartered in Tucson, AZ. She is a Participating Scientist on the Mars Exploration Rover Mission and Deputy Principal Investigator for the Mars Handlens Imager instrument on the Mars Science Laboratory rover Curiosity. Other missions that Dr. Yingst has worked on include Dawn at Vesta, Mars Pathfinder, Mars Polar Lander, and Galileo. Dr. Yingst also served as Director of the Wisconsin Space Grant Consortium for 14 years.



Dr. Yingst received her AB from Dartmouth College in Physics and Astronomy, and her M.Sc. and Ph.D. in Geological Sciences from Brown University.