

## Conference Location

UW-Superior Yellowjacket Union • 1605 Catlin Ave, Superior, WI 54880

## Registration Link

<http://www.cvent.com/d/7fqf3l>

## Registration Costs

General (Before 7/9).....	\$55.00
General (After 7/9).....	\$65.00
Students (Before 7/9).....	\$35.00
Students (After 7/9).....	\$45.00
K-12 Teachers (Before 7/9).....	\$45.00
K-12 Teachers (After 7/9).....	\$55.00

## Conference Accommodations

Lodging is available within two miles of the University of Wisconsin-Superior. Due to the high tourist volume during the summer season, rooms may not be available if booked later than July 9, 2016. After July 9, all blocks will be released to the public. Make sure to mention the Wisconsin Space Conference at the hotels when booking your rooms.

### **Barkers Island Inn\*\***

300 Marina Drive  
Superior, WI 54880  
1.800.344.7515  
[barkersislandinn.com](http://barkersislandinn.com)

### **Holiday Inn Express\*\***

303 2nd Avenue E  
Superior, WI 54880  
715.392.3444  
[hisuperior.com](http://hisuperior.com)

\*\*State rate Wednesday and Thursday.

### **Holiday Inn & Suites Duluth Downtown\*\*\***

200 West First Street  
[hiduluth.com](http://hiduluth.com)  
218.722.1202

\*\*\*Across the bridge in Minnesota, we have a block of rooms for \$142/night before July 9, 2016.

### **Campgrounds are also available:**

Amnicon and Pattison State Parks in Wisconsin and Jay Cooke State Park and Gooseberry Falls State Park in Minnesota.

### **UW-S Dorm rooms available for students:**

Contact the Union Information and Services desk for reservations 715.394.8244  
4pm check-in on 8/10 and  
12pm check-out on 8/12  
Cost: \$13.50/person/night



## The Wisconsin Space Grant Consortium (WSCG)

is a joint effort between NASA and organizations state wide. WSCG 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.

## WSGC Affiliate Members

Aerogel Technologies, LLC  
AIAA – Wisconsin Section  
Alverno College  
Astronautics Corporation of America  
Biopharmaceutical Technology Center Institute  
Carroll University  
Carthage College  
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.  
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

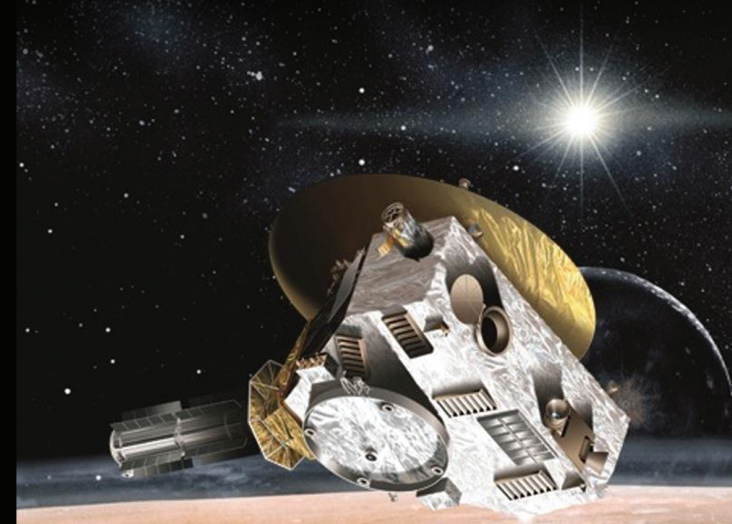
[spacegrant.carthage.edu](http://spacegrant.carthage.edu)



26TH ANNUAL  
WISCONSIN SPACE  
CONFERENCE

# BEYOND THE HORIZON

AUGUST 11, 2016



Hosted by:

UNIVERSITY of WISCONSIN  
*Superior*

August 11, 2016 • Hosted by UW-Superior

**Location:**

University Wisconsin-Superior – Yellow Jacket Union

**Schedule • Wednesday, August 10**

- 3:00 pm Tour of Cirrus Design Composite Airplane and Jet Factory:  
Advanced Registration Required—Limit 30
- 6:00 pm Advisory Council Meeting

**Schedule • Thursday, August 11**

- 7:30 am Registration / Breakfast
- 8:15 am **Session 1:** Welcome and Introduction
- 8:30 am **Session 2:** Opening Keynote Speaker  
Allen Bacskay, Program Manager:  
Discovery, New Frontiers and Solar System Exploration  
Program Update
- 9:15 am NASA Partnership Presentations
- 10:15 am Morning Break
- 10:30 am **Session: 3A:** Student Research  
**Session: 3B:** K-12 General Outreach
- 11:45 am Lunch
- 11:45 am Individual Awardee Photos
- 12:45 am **Session 4:** Academic and Industry Research
- 2:45 pm Afternoon Break  
**Session 5:** WSGC Posters and Networking Concurrent  
Sessions
- 3:45 pm WSGC Team Project Presentations
- 5:00 pm Awards Ceremony and Closing Remarks  
Student Programs – Presenters  
Non-Student Programs – Presenters
- 5:30 pm Reception
- 6:30 pm Welcome and Dinner
- 7:30 pm Alice Bowman, Missions Operations Manager (MOM)  
NASA New Horizons Mission: Planning and Making a  
Trip to Pluto
- 8:30 pm Closing Comments

**Consortium Office/  
Lead Institution**

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

**Host Institution/Contact**

University of Wisconsin – Superior  
Transportation & Logistics  
PO Box 2000 • Belknap & Catlin  
Superior, WI 54880

**OPENING KEYNOTE SPEAKER**

**Allen Bacskay**

**Program Manager**

**NASA Discovery, New Frontiers and Solar System Exploration Programs  
Marshall Space Flight Center**



Mr. Bacskay possesses over 30 years of experience supporting NASA Programs and Projects in various roles and responsibilities. In his current position, Mr. Bacskay is the Program Manager for NASA's Discovery, New Frontiers and Solar System Exploration Programs. He is responsible for managing the three programs for NASA's Science Mission Directorate (SMD). The three programs are managed out of the Planetary Missions Program Office (PMPO) at the Marshall Space Flight Center which Mr. Bacskay is responsible for.

Prior to being named Program Manager, Mr. Bacskay served as the Deputy Program Manager and Assistant Office Manager for the Discovery and New Frontiers (D&NF) Program Office. He has also worked as the Mission Manager within the Discovery and New Frontiers (D&NF) Program Office for the Dawn, MESSENGER and New Horizons Missions.

Mr. Bacskay began his career at the Kennedy Space Center in 1983 as a Fluid Systems Design Engineer for EG&G Florida. He then relocated to the Marshall Space Flight Center working for McDonnell Douglas Astronautics Corporation as a Thermal and Environmental Control and Life Support (ECLSS) Engineer for NASA's Spacelab Program. Mr. Bacskay came to work for NASA in 1987 and was named as the Spacelab Systems Thermal and ECLSS Chief Engineer in the early 1990's. In 1994, Mr. Bacskay was selected as the Chief Engineer for the First Microgravity Science Laboratory (MSL-1) Spacelab Module Mission. Following the end of the Spacelab Program in the late 1990's, Mr. Bacskay transitioned to work as the Project Manager for the EXPRESS Pallet Project supporting the International Space Station (ISS) Program. The EXPRESS Pallet was a bilateral venture between NASA and Brazilian Space Agency.

Mr. Bacskay received his B.S. degree in chemical engineering from the University of Alabama in 1983.

**EVENING KEYNOTE SPEAKER**

**Alice Bowman**

**Space Mission Operations Group Supervisor and  
New Horizons Mission Operations Manager  
Johns Hopkins University Applied Physics Laboratory**



Alice Bowman works for the Johns Hopkins University Applied Physics Laboratory in Laurel, Maryland, where she is the Space Mission Operations Group Supervisor and the New Horizons Mission Operations Manager (MOM). She supervises approximately 40 staff members who operate deep-space and Earth-orbiting spacecraft including TIMED, STEREO, New Horizons, the Van Allen Probes and Solar Probe Plus. As the New Horizons MOM, Alice leads the team that commands and controls NASA's New Horizons spacecraft on its voyage to Pluto and beyond.

Alice has a degree in chemistry and physics from the University of Virginia Charlottesville and has more than 27 years of experience in space operations.