

Conference Location
UW-La Crosse Student Union

Registration Link: <http://bit.ly/2miOSAM>

Registration Costs

General (By July 8)	\$55
General (July 9 and after)	\$65
Students (By July 8)	\$35
Students (July 9 and after)	\$45
K-12 Teachers (By July 8)	\$45
K-12 Teachers (July 9 and after)	\$55

Conference Accommodations

Lodging is available within one mile of the University of Wisconsin-La Crosse at the Hampton Inn & Suites. Due to high tourist volume during the summer season, rooms may not be available if booked later than July 8, 2017. After July 8, all blocks will be released to the public. Make sure to mention the Wisconsin Space Conference at the hotel when booking your room.

Hampton Inn & Suites

511 3rd St. N | La Crosse, WI 54601
608.791.4004

UWL Residence Hall

Accommodations in residence halls may be booked along with your conference registration. You may also call 608.785.6500 to book residence halls.

\$28/per night double occupancy

\$32/per night single occupancy

Nearby Campgrounds

Pettibone Resort RV Park & Campground (2.3 miles)

Goose Island Campground (8.5 miles)

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.

WSCG Affiliate Members

Aerogel Technologies, LLC
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University of Wisconsin-River Falls
University of Wisconsin-Sheboygan
University of Wisconsin-Stevens Point
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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



27TH ANNUAL
WISCONSIN SPACE
CONFERENCE

NEW WINDOWS:

Gravitational
Wave Astronomy

August 10, 2017

FACULTY/PROFESSIONAL WORKSHOP:

Being Spacegrant's Messenger:
Increasing Minority Representation
in STEM | Friday, August 11, 2017

Hosted by:

UNIVERSITY of WISCONSIN
LA CROSSE



27TH ANNUAL WISCONSIN SPACE CONFERENCE

NEW WINDOWS: Gravitational Wave Astronomy

August 10, 2017 | Hosted by UW-La Crosse

All events in Student Union on the
UW-La Crosse campus unless noted

SCHEDULE

Wednesday, August 9

- 5:30 p.m. Advisory Council Meeting
at the Radisson Hotel
- 7:30 p.m. Advisory Council Dinner
on the La Crosse Queen

Thursday, August 10

- 7:30 a.m. Registration/Breakfast
- 8:15 a.m. Welcome and Introduction
- 8:30 a.m. Plenary Address
- 9:15 a.m. Student Presentations
- 10:30 a.m. Group Photo
- 10:45 a.m. Posters & Networking
- 12:00 p.m. Lunch
- 1:00 p.m. Concurrent Sessions:
- K-12 Outreach
 - Student Research
- 3:15 p.m. Team Presentations
- 5:00 p.m. Awards Ceremony
- 5:30 p.m. Adjournment

Friday, August 11

- 7:30 a.m. Registration/Breakfast
- 8:00 a.m. Being Spacegrant's Messenger: Increasing
Minority Representation in STEM
- 12:00 p.m. Adjournment

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-La Crosse
Continuing Education and Extension
1725 State St., 205 Morris Hall | La Crosse, WI 54601
conted@uwlax.edu | 608.785.6500



THURSDAY PLENARY ADDRESS: **Gravitational Wave Astronomy and Quantum Noise**

Thomas Corbitt, Ph.D.

Assistant Professor of Physics
Louisiana State University

Thomas Corbitt received his undergraduate degree from Georgia Tech in 2001. He began working with the Laser Interferometer Gravitational-Wave Observatory (LIGO) at the Hanford facility. He received his Ph.D. from the Massachusetts Institute of Technology (MIT) and was advised by Nergis Mavalvala—known for her role in the first observation of gravitational waves. After receiving his Ph.D., he continued at MIT as a post-doctoral associate before accepting his current position at Louisiana State University in 2011.

Corbitt's research has focused on quantum noise in gravitational wave detectors, and how that noise may be mitigated by the use of squeezed light and opto-mechanics to make the next generation of detectors more sensitive.



FRIDAY WORKSHOP: **Being Spacegrant's Messenger: Increasing Minority Representation in STEM**

Brian Chad Starks, Ph.D.

CEO, BCS & Associates Consulting Firm
Associate Director, Delaware Space Grant Consortium

Brian Chad Starks, Ph.D. is a speaker, author and critical criminologist. He received his B.A. in sociology from Wofford College, M.A. in criminal justice from the University of South Carolina and Ph.D. in criminology from the University of Delaware. In his dissertation, he examined the social organizational structure of bail systems in large cities. For more than twenty years, he has worked to build social justice and equity for individuals, organizations and communities. He is the CEO of BCS & Associates Consulting Firm and serves as the Associate Director with the Delaware NASA Space Grant Consortium where he works to increase minority student representation