

# NEWS RELEASE

*June 17, 2015 – FOR IMMEDIATE RELEASE*

## Local Trig-Star Winners Named

***Local high school students declared Trig-Stars in recent mathematic competition.***

DUBUQUE, Iowa – Hempstead High School senior Drew Roen, Dubuque Senior High School junior Naomi Brehm, and Wahlert High School junior Sam Hoelscher, were declared Trig-Stars for their respective high schools for the 2014/2015 academic year during a recent competition.

Each will receive \$100 from the Society of Land Surveyors of Iowa (SLSI) donated by local contractors and land surveying firms. Naomi Brehm was awarded an additional \$25 from local sponsors for finishing first place amongst all Dubuque Schools.

Second place winners at each high school were Michael Ciesielski at Hempstead, Josh Mauss at Senior High and Logan Drake at Wahlert. They also received \$25 from local sponsors.

A “Trig-Star” is a mathematics student who has demonstrated skill in the practical application of trigonometry. The competition is a timed exercise, which involves solving of trigonometry problems incorporating the use of right triangle formulas, the law of sines, and the law of cosines. Sixty minutes is allowed for the test competition. Every year dozens of high schools and hundreds of students compete across the state. State winners qualify to take the national test and a chance to win the top three prizes of \$2000, \$1000 or \$500 and a trip to the national convention for professional surveyors. This year, forty-two students competed in the City of Dubuque competition.

Local sponsors of the competition were:

Terry Koelker, Buesing and Assoc., Inc.  
Connolly Construction  
Drew Cook and Sons Excavating  
Jeff Brandt, IIW. P.C.  
Larry Boyer, WHKS & Co.  
Ron Turner, Lot Lines Etc.  
W.C. Stewart Construction Co.  
Richard Gansen Excavating

The Trig-Star competition is sponsored by the National Society of Professional Surveyors, the Society of Land Surveyors of Iowa, local licensed land surveyors, and area contractors. Prior to the competition, the City of Dubuque Engineering Division, IIW, P.C., and WHKS & Company worked

together to present land surveying topics and procedures to interested math and calculus students. These presentations expose students to the land surveying profession.

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