



CONTACT:
Nate Kieffer
City of Dubuque Engineering
563-589-4277
nkieffer@cityofdubuque.org

NEWS RELEASE

June 5, 2018 – For Immediate Release

Local Trig-Star Winners Named

DUBUQUE, Iowa – Hempstead High School sophomore Alexis Lonning and Dubuque Senior High School sophomore Ardon Wu were declared “Trig-Stars” for their respective high schools for the 2017-2018 academic year during a recent competition administered by the City of Dubuque Engineering Department. Each will receive prize money of \$150 from the Society of Land Surveyors of Iowa (SLSI), donated by local contractors and land surveying firms. Alexis Lonning will be awarded an additional \$50 from local sponsors for finishing first place among all Dubuque schools.

Second place winners at each high school were Joseph Pins at Hempstead and Ryan Shealer at Senior High. They will receive monetary awards of \$125 from local sponsors. Third place winners at each high school were Brandon Burgess at Hempstead and Brian Day at Senior High. They will receive monetary awards of \$75 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 \$2,000, \$1,000, or \$500, and a trip to the national convention for professional surveyors. This year, 38 students competed in the City of Dubuque competition.

Prior to the competition, the City of Dubuque Engineering Department, IIW, P.C., WHKS & Company, and the Dubuque County Engineering Department worked together to present land-surveying topics and procedures to interested math and calculus students. These presentations expose students to the land-surveying profession.

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. Local sponsors of the competition included Buesing and Associates, Inc.; Conlon Construction; Craig Geiser, Land Surveyor; Drew Cook and Sons Excavating; Eastern Iowa Excavating; Gansen Excavating; Horsfield Construction, Inc.; Jeff Brandt, IIW. P.C.; Larry Boyer, WHKS & Company; McDermott Excavating; MSA Professional Services; Portzen Construction, Inc.; Ron Turner, Lot Lines Etc.; Top Grade Excavating; Tschiggfrie Excavating Co.; W.C. Stewart Construction Co.; and Wyatt Anderson, Dubuque County Engineering.

#