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# UNO Math Science Learning Center Program Of Excellence Report 2015-16

College of Arts and Sciences, Math Science Learning Center  
*University of Nebraska at Omaha*

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**UNO MATH-SCIENCE LEARNING CENTER  
PROGRAM OF EXCELLENCE REPORT 2015–2016**

**University of Nebraska Program of Excellence  
UNO College of Arts and Sciences  
Math-Science Learning Center - \$111,576 for 2015–2016**

**Names of the responsible persons:** Dana Richter-Egger (MSLC Director and Assistant Chemistry Professor), David Boocker (Dean of the College of Arts and Sciences)

Since its opening in the Fall of 2007, the UNO Math-Science Learning Center has 1) provided peer tutoring for 1000's of UNO students studying math and science, 2) organized/offered a variety of STEM workshops and outreach events and 3) collaborated with STEM faculty across campus on a variety of grants, outreach, strategic planning and other activities.

The MSLC is open for peer tutoring 51.5 hours per week and is staffed by ~30 undergraduate peer-tutors working collectively ~200 hours per week. The number of students making use of this academic support continues to be strong averaging ~1400 student-visits per week during the fall and spring semesters over the last 7 years. Tutoring is also offered during the summer in proportion to the number of summer courses resulting in ~500 student-visits per week. Math, chemistry and physics (in that order) continue to be the areas of greatest usage. Other disciplines supported include biology, geology, math education, statistics and engineering. In the fall of 2014, support for engineering courses moved primarily to an 'Engineering Study Stop' in PKI through partnership with the UNL Engineering College in PKI. The study stop serves ~40 students per week studying engineering, math and physics. We are pleased with this partnership and its utilization.

In addition to the direct student academic support, the MSLC is a current and/or ongoing partner in many campus STEM initiatives including: the "**Math Prep Academy**," a bridge program and academic learning community for ~24 incoming engineering students annually, the **EUREKA-STEM summer day-camp** offered for 4 weeks for ~50 high school, predominantly minority girls, the **Magic of Chemistry** one-day workshops that reach ~250 Girl Scouts per year and are designed to increase their interest in science, the **research showcase** displaying a rotation of exemplary student research posters outside the main MSLC entrance, and many others through membership on the **UNO STEM Leadership Team**.

In addition to Program of Excellence funds that currently support MSLC operation, the MSLC budget is supplemented annually on average by ~\$3000 in work-study funds and ~\$8000 in college funds the latter of which is the primary source of summer operation. Additionally, the Engineering Study Stop is supported by ~\$6000 from the UNL College of Engineering.