

2016

Neal Grandgenett, Faculty Spotlight

University of Nebraska at Omaha

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Neal Grandgenett

Engagement Spotlights

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Neal Grandgenett, Ph.D, is a strong advocate of advancing Science, Technology, Engineering, and Mathematics (STEM) Education. As the Haddix Community Chair of STEM Education and the Co-Chair of the UNO STEM Leadership Team, Dr. Grandgenett leads UNO's STEM outreach efforts.

There is a strong shortage of STEM professionals throughout the United States. "It is a national crisis." As a response to this crisis, UNO has identified advancing STEM Education as an academic priority.

Together with other faculty members on the STEM Leadership Team as well as other faculty across campus, Dr. Grandgenett's goal is to encourage more youth to pursue STEM career fields by introducing them to STEM fields at an early age and in a memorable way.



Thank you for all you do for your community!

Community engagement and service are fundamental components of UNO's identity.

Dr. Neal Grandgenett exemplifies UNO's commitment to community engagement.

Collaboration

Dr. Grandgenett values collaboration, explaining that STEM is interdisciplinary and that it is difficult to do groundbreaking work without collaboration. "It is the era of collaboration. The fact that this is a national priority makes it everyone's business."

Under Dr. Grandgenett's leadership, UNO has entered into many successful partnerships. For example, the new Omaha Citywide STEM Ecosystem is an organization that unites the efforts of UNO's collaboration with additional leadership at the Henry Doorly Zoo and Aquarium and over 30 community partners and multiple school districts. This year, Omaha Citywide STEM Ecosystem was selected to join the national STEM Learning Ecosystem Initiative.

UNO partnerships are defined by a very active role of partners. "Partnerships are successful when everyone feels included, and brings ideas to the table and takes initiative. We are doing things together - it's a more active engagement situation."

2016 Outstanding Teaching and Instructional Creativity Award

Dr. Grandgenett is the winner of the 2016 Outstanding Teaching and Instructional Creativity Award from the University of Nebraska System.

Watch this video to learn about Dr. Grandgenett's innovative teaching style and his commitment to engagement.

Additional Resources

About Neal Grandgenett, Ph.D.

Office of STEM Education

[UNO STEM Outreach Initiatives](#)

[STEM Strategic Plan](#)

[STEM Annual Report](#)

[Omaha STEM Ecosystem Overview](#)

Share Your Story:

Did you organize or participate in a community-oriented project or service? UNO wants to hear from you!

UNO is committed to community engagement in its broadest form, and wants to feature your community service story.

[Click here](#) to share your story.



STEM Outreach

"We break down the barriers between disciplines, as well as try to empower future STEM professionals such as middle and high school students. We help to get kids excited about STEM learning."

UNO actively engages the community with STEM fields through various [initiatives](#). For example, every year UNO organizes hundreds of STEM outreach camps and events reaching K-12 teachers and thousands of their students. In an attempt to create a more equitable representation in STEM fields, several initiatives also specifically target female students, ethnic minority students, and students with lower socio-economic backgrounds.

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