**UNK Tech EDGE Spring 2018 Conference**  
Innovation, Technology and Computer Science in Education

**Saturday, February 24, 2018**

- **Wireless Access**  
  Username: unktechedge  
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**Welcome:** Dr. Guy Trainin, Tech EDGE PI

**Keynote Speaker:** Kristeen Shabram, Omaha Public Schools  
President, Computer Science Teachers Association (CSTA)

### Schedule Overview

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<td>8:00 - 9:00 AM</td>
<td>Registration, Continental Breakfast</td>
<td>College of Education Atrium</td>
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<tr>
<td>9:00 - 9:15 AM</td>
<td>Welcome</td>
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<td>Session 1 (A, B, C)</td>
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<td>12:15 - 1:00 PM</td>
<td>Session 3 (A, B, C, D)</td>
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**Conference Program:**  
http://www.unk.edu/academics/coe/unk-tech-edge-conference.php

**Registration:**  
https://cehs.unl.edu/registration-tech-edge/

For more info about Tech EDGE Conferences, visit  
https://cehs.unl.edu/tlte/techedge/
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<td>10:15 - 11:00 AM</td>
<td>Session 1 A</td>
<td>Sherri Harms, PhD, Chair, Computer Science Dept, UNK</td>
<td>C 104 Computer Lab</td>
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<td>11:15 - 12:00 PM</td>
<td>Session 1 B</td>
<td>Jason Everett, Systems Engineer, ESU 10</td>
<td>Flexible Room</td>
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<td>12:15 - 1:00 PM</td>
<td>Session 1 C</td>
<td>Denise Britigan, PhD, Assistant Professor, UNMC; Analisa McMillan, MSEd Director, Distance Learning, UNMC</td>
<td>Conference Room 154</td>
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**Incorporating Computer Science in K12 Settings**

In this presentation, Kristeen will discuss ways to introduce foundational Computer Science concepts in the curriculum. Computer Science is a truly cross-curricular topic that can be discussed and integrated in all content areas. She will present examples on how she has worked with teachers in multiple content areas to integrate Computer Science concepts into their curriculum. As president of the Metro Omaha CSTA Chapter, she will also discuss ways that her chapter is providing opportunities for K-12 teachers to learn more about the latest research, tools, and curriculum in Computer Science Education.

**CS in a Box**

The workshop introduces computational thinking, and the computer science big ideas of creativity, algorithms and programming through the use of the "CS in a Box" activities. Teachers will be introduced to several fun activities they can use in their own classroom, that do not require the use of a computer.

**Blended Learning:**

If mastery is the goal, and personalization is the challenge, then blended learning is the solution! Come explore how blended learning instructional models can help infuse technology with best practices.

**Experiencing a MOOC from the Ground Up.**

This session will include our experiences over the past 5 years of teaching a MOOC. We will share about the design stage and lessons learned during the first year; and the teaching experience and our “MOOC by the numbers” for the past 4 years. Please join us with your questions!
10:15 - 11:00 AM Session 2 A
Deanna Stall
Technology Integration Specialist, Gibbon Public Schools
Flexible Room
Blended Learning: Teach smarter, not harder
“Oh that’s the new teaching trend. It will go away soon and we’ll be on to something else.” Blended Learning is a catchy, trendy title about something that is here to stay because it is based on research and quality instruction. Join this session to learn more about Blended Learning and how to begin implementing it in your own classroom from a tech integration specialist who created a professional development plan for small groups, both elementary and high school, in her district. You will begin to see how you can work smarter, not harder as a teacher, utilizing technology and your time more efficiently.

11:15 - 12:00 PM Session 2 B
Guy Trainin, PhD
Tech Edge PI, Professor UNL
C 104 Computer Lab
Storytelling with Scratch Junior
Integrating Literacy and Computer Science in Elementary Classrooms

12:15 - 1:00 PM Session 2 C
Dorann Avey
Director, Digital Learning, Nebraska Department of Education
Conference Room 154
Open Education Resources (OER) in Nebraska
OER is coming to Nebraska! Come to this session to learn about what OER is, how it works and what you can expect to see happening in Nebraska in the coming months!

10:15 - 11:00 AM Session 3 A
Dave Evertson
Technology Director, Cozad Public Schools
C 104 Computer Lab
HackBusters - “I ain’t afraid of no hacks!”
Online safety is no joke, but the threats are not paranormal activity or voodoo magic. The most commonly hacked device is between our ears, not in our pockets. Let’s talk about the most common threats and the simple things we can do to protect ourselves, and we can all be “HackBusters”.

11:15 - 12:00 PM Session 3 B
Beth Kabes
Director, Blended and Distance Learning, ESU Coordinating Council
Conference Room 154
Take a Look into a Blended Learning Classroom
What’s is blended learning? How is it different than a traditional classroom? Beth will review three key steps to blending a classroom. She will be sharing examples and tips to start blending. Participants will want to bring a technology device and an open mind about change in your classroom.

12:15 - 1:00 PM Session 3 C
Olga Morozan
UNK Fulbright Scholar
Flexible Room
International Educational Projects
This session will present the role of social and emotional learning to empower the inclusive computing culture and other practices of K-12 Computer Science Education framework, such as Collaborating with & Communicating about computing.

12:15 - 1:00 PM Session 3 D
Brett Kluver
Middle School Math and Reading, Gibbon Public Schools
Conference Room 155
Classroom Management of Technology in the Classroom
In this presentation, you will learn some tips for managing your classroom while your students use iPads, Chromebooks, laptops, etc. You will also learn about some of the tools that I use on a daily basis with my students to keep them engaged in their learning.
THANK YOU!
To learn about Tech Edge please visit
https://cehs.unl.edu/tlte/techedge/

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Tech EDGE UNK Committee Members
Sherri Harms, UNK Computer Science
Guy Trainin, UNL Teaching, Learning & Teacher Ed
Dick Meyer, UNK Ed Administration
Chris Knoell, UNK Teacher Education
Tommy Hansen, UNK Teacher Education
Vic Young, UNK Teacher Education
Martonia Gaskill, UNK Teacher Education
Scott Fredrickson, UNK Teacher Education