

**STEM Action Center Board Meeting Minutes**

April 25, 2018 • 2:00pm

STEM Action Center: 60 East South Temple, Suite 850, Salt Lake City

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<b>Members Present:</b>	Dave Woolstenhulme, Vance Checketts, Val Hale, Mark Sunday, Mikal Byrd, Kathleen Riebe, Blair Carruth, Scott Nowlin
<b>Members Absent:</b>	Jon Pierpont, Sydnee Dickson, Tami Pyfer, Joseph Fournier
<b>Staff:</b>	Kellie Yates, Tami Goetz, Lolly Bowler, Lynn Purdin, Brad Hunsaker, Colleen Fisher, Sue Redington, Allison Spencer, Clarence Ames
<b>Visitors:</b>	Katherine Kireiev, Melissa Mendenhall, Karen Peterson, Ricky Scott, Nate McDonald

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**I. Welcome and Related Business**

Vance Checketts welcomed everyone to the meeting. Asked for a motion to approve the minutes from the January board meeting.

**APPROVE JANUARY MINUTES**

**MOTION: MOTION WAS MADE TO APPROVE THE MEETING MINUTES, SECONDED BY MIKAL BYRD. THE MOTION WAS UNANIMOUSLY APPROVED.**

**II. Board Discussion**

There have been some changes in the STEM AC staff. Kaitlin Felsted, Marketing Coordinator, left the team recently for a new position. Lolly Bowler, Support Services Specialist, is moving to Texas and will be replaced next week by Melanie Shepherd. Katherine Kireiev, our new Communications Manager, introduced herself and talked about her background and goals in her new role.

Vance Checketts, Board Chairman, indicated that we have a lot on the agenda, but for the next meeting he would like some time allotted to go around and personally introduce each board member and what they are doing in their companies and organizations.

Tami Goetz, STEM AC Executive Director, discussed the industry legislative push to increase access to our K-12 Math Personalized Learning program. Val Hale, GOED Executive Director, stated that there were initial concerns about the \$1 million dollars and whether the STEM AC would receive that funding.

Vale Hale and Karen Peterson provided some clarity around the issue and stated that a number of state agencies have been asked to put a hold on any pass-through money that was allocated during the 2018 Legislative Session.

Vance stated that this is extremely frustrating to feel like we were going to receive this money and now to feel like it is being taken away. STEM AC is a part of GOED. He stated that he feels frustrated on behalf of industry and this board.

Vance stated that if the money comes to GOED, that is good news. Val was asked to provide an update in the next meeting.

Tami discussed other legislative updates, including an update on SB190 (computing initiatives). Lynn presented on the SB190 Computing Initiative grant and what schools/districts are participating and a glimpse of some of their grant plans. This discussion brought up bandwidth issues within schools. Kathleen said when she was at a conference, they were talking about bandwidth. Are there any bandwidth issues that we are dealing with in Utah? The Board would like to discuss this at a later meeting.

Tami discussed the current happenings of the Girls Who Code clubs. There are over 50 clubs that are going to launch this fall. Before the kickoff, we only had 5 clubs in the state of Utah. It's a great volunteer opportunity for industry members, to facilitate the clubs.

Tami talked about the apprenticeship partnership grant and the Air Force Legacy Program. This is thanks to Angie Tymofichuk, Chairwoman of Utah STEM Foundation Board, who brought this idea to us. This is more academic in nature. It starts in 6th grade, they move through the apprenticeship program and get paid in high school and undergrad and get tuition assistance in their undergrad.

Tami updated the board briefly about the National Science Foundation grant that has been pending. We were awarded a 3-year grant that equals just over \$776,000. The grant provides us an opportunity to do a deep dive about perceptions in Career and Tech Education, it will be a communications campaign and an opportunity to create a new strategy. Kathleen provided her input on CTE and that they are amazing. She challenged board members to attend an open house of one of these programs.

Kellie Yates, STEM AC Outreach Specialist, introduced Melissa Mendenhall from Alpine School District to talk about how their district used their STEM AC Professional Learning grant. Melissa talked about the background of the district applying for the grant. They were able to do some professional learning training over a 5 day period for over 200 teachers. They learned more about the new engineering science standards and how to teach them. With the second year, they asked what support the teachers needed to improve their instruction and student experience. They wanted a scope and sequence workshop, vetted lesson plans, collaborative lesson planning sessions, formative assessment sessions. They've created a website of their lesson plans so that those who couldn't attend can access them, and also other teachers throughout the state who want to collaborate. Ricky Scott and Kathleen Riebe gave very positive feedback about this professional learning model and how wonderful it is and how the teachers are becoming curriculum specialists by creating and vetting these lesson plans. Their needs are shifting, but this grant helps support them and help them deepen their teaching skills in the classroom.

Tami asked "What is the replicability of this? How can we broaden the impact?" Kellie replied that she has asked Melissa to share this with other districts and schools. Many of whom are already replicating and implementing a similar model. Our link is available to everyone, San Juan has it on their website. It's available for others to use.

Tami announced the winners of the 5 STEMi awards. The awardees will be recognized at the STEM Innovation Awards on April 26<sup>th</sup>, 2018.

**III. Adjournment**

**A MOTION WAS MADE TO ADJOURN THE MEETING. IT WAS SECONDED AND UNANIMOUSLY APPROVED.**