Welcome and acknowledge guests
- Stephanie Lane, GHAEA
- Nadine Jessen, DMACC
- Others

STEM Engagement Reports
*Note from Kathy Somers – she continues as a member of the Atlantic BEST Steering Committee. Apprenticeship program is off and operating this fall at the Construction Center on West Highway 6 in Atlantic.

Report from Board Chair Meeting(s)
Heidi Lowthorp

Report from PI Meeting(s)
Tom Lesan

Old Business
- Financial Report end of FY 19
Deb Frazee

New Business
- Ethics Document requires Signature and filing with the Regional Manager
- Setting a regular meeting date – proposals
- Select a Board Chair or postpone until appointment process is completed?
- Current Scale-Up levels funded in the SW STEM Region – see handout
- Math Scale- Additional Legislative funds for the current year. Three programs selected. Applications open through October 1, 2019. Reviewers needed starting Oct 1 – 22nd for regional applications.
Deb Frazee
• STEM BEST Application Period now open through September 13th. Reviewers will be needed for this statewide pool
• Requests for STEM Festivals new FY already in process, both student and adults events
• New things to know about:
  o Work-based Learning Clearinghouse AEA on-line
  o Expanded Future Ready Iowa Services and Information
  o Computer Science is Elementary programs – SW Regional participant is East Union with Joan Gordon spearheading

15 minutes Calendar of Events:
• September 9th Shelby Co Ag Festival at Fairgrounds Harlan 430 – 7 pm
• September 10th STEM Festival IKM-Manning Middle School – evening

3 p.m. Adjournment Board Chair

Telephonic meeting participation may be arranged by calling the SWCC Office in Red Oak (712.623.2541) at least 24 hours in advance of the scheduled meeting.

MINUTES ADDED BELOW:

The SW STEM Advisory Board representing the Governor’s STEM Program was called to order by Chair Heidi Lowthorp at 1 pm. She welcomed members and guests. As there was a technical problem in the Zoom system some members joining by technology were not able to complete the meeting online.

Absent members were Lisa Hilder, Janell Leinen and Kathy Somers (Somers did include notes for the agenda reports).

An additional guest was Carrie Rankin of the STEM Operations Center at UNI.

Opening notes from STEM Manager Deb Frazee that all STEM Board appoints have not yet been made/received from the Governor’s Office so those are anticipated very soon. There are three seats with anticipated appointments.
In opening reports and notes Heidi Lowthorp reported that she had been a participant in two Scale-Up professional development activities in the summer months with good reviews of products and training. She reported no news from the Board Chairs call but anticipates a call in September.

Tom Lesan reported that there will be a PI Call on Friday Aug 30th. Classes resume at SWCC on Wednesday August 28th.

Jim Holwegner reported that Major General Ben Correl will take over as Iowa National Guard Adjutant General. The STEM support activities have yet to be named. “Major Jenn” who is featured on a STEM Gem poster has been a main figure in STEM outreach and programs in the recent years.

Luann Langel from the IKM-Manning area reported that their district was awarded a $25,000 Monsanto (Bayer) grant to initiate a student-led business program. The funds were used to purchase a table-top laser engraver which will work with Corel Draw. There will also be a Middle School STEM Night on September 10th at the Middle School in Manning.

Dr. Alan Ladd of ISE Extension reported that a Staff STEM event is currently planned at the SW Hub on October 22nd. There are new folks who have joined the Extension offices in the Region who are getting a 101 training and also a desire for more advanced conversation with staff who have identified other needs in their spaces.

As a member of the Communications Working group there have been some updated materials and a focus on getting ready for the Iowa State Fair which was on August 18th.

Josh Shatava reported that the welding industry continues to be a very busy one driving home the need to grow the current and future workforce. He has been part of some STEM projects possibly evolving in Bedford and Lenox areas.

Stephanie Lane is a newly appointed Board member and reported on the AEA Activities including the Authentic Learning Network (ALN). She is working in the Future Ready Iowa project area on a 5-member team. This also includes the Work-based Clearinghouse that opened July 1. There was a press conference today (Aug 27) with the Governor to introduce new materials and information about the Clearinghouse model, boards, and growth in coming months. She is also working on the committee planning a “Future Fest” event in Union County for 5th and 7th graders.

Renee Riedel is a newly appointed Board member and reported on the Future Ready Iowa Summit Scheduled for September 5th at the Lisle Corporation in Clarinda. Time is 7 – 930 am. She reported that newly hired Superintendent in Clarinda Ms. Chris Bergman is very interested in STEM programming and has ideas for some immediate grant applications.

NOTE: A second Future Ready Iowa Summit in the SW Region is scheduled for Cass County Health System at the Hospital on September 11th from 7 – 930 am. Interested parties can register on the Future Ready Iowa website.

Others members on the Zoom screen but unable to be heard included Larry Johnson of Leon, Dr Jane Chaillie of Graceland University and Mistry Gray of the Iowa Public Libraries.
Managing Director Carrie Rankin spoke of the recently submitted NSF Grant application which is a Biotech emphasis and will be called ACACII and will include 3 cohorts of 30 teachers working on computation in industrial applications. It is a $1.5 million grant for a 4-year period. She also spoke regarding regional, state and federal programs and funding to continue to meet the needs for a trained workforce. Examples of special grants currently being completed include the pre-apprenticeship programs at Boone and Spencer CSD.

Manager Deb Frazee provided with the Board packets the summary of FY19 expenditures. The year was very successful including 22 Youth STEM Festivals and significant implementation of Scale-Up programs. She also provided the Ethics Document which is done annually. (New members receive 2 copies; one goes with member the other stays after signature affixed.)

The manager asked about setting a regular meeting date with the clarification that there must be 6 gatherings in a FY. The preference in previous years was 4 scheduled face-to-face meetings, the Board approval for Scale-Up, and the Mega meeting. The other activity has been the filling of the Hub Table at STEM Day at the Capitol (date scheduled as February 19th). Jim Holwegner moved that the 4th Monday in Oct, Jan, and May be the regular date; March will be set by the Scale-Up timeline. Second by Tom Lesan. Approved; unanimous.

Due to the incomplete Board appointment status it was mutually agreed to postpone a Board Chair selection. Heidi Lowthorp agreed to continue until that action can be taken.

Manager Frazee provided a print out of the Data Base report which details the data for the SW STEM Region in the current Scale Up cycle. The additional $9696 requested on April 16th was granted so there were additional names moved from the waiting list in July. All summer Professional Development dates have been completed.

The additional Scale-Up funding from the Legislature for Math programs is now being processed for the Current FY. Three programs have been selected. The application period is open and the closing date is October 1st. The programs will be for both formal and informal educators. Reviewers are needed in the same way that regular Scale-Up processing is completed.

The 2019 STEM BEST Application window closes September 13. A statewide review team will be assembled so Board members interested in that process can also contact the Regional Manager. The announcement of awardees is anticipated in late October.

The Kemin I.O.W.A. Teacher Award cycle for 2020 opened on August 18th at the State Fair Event. That process goes through November and then public announcement in anticipated by January 2020. If interested in being a reviewer please contact the Regional manager.

The Computer Science is Elementary (CSIE) program is gearing up and will sponsor a Fall Institute to bring together all the awardee program on September 19th at Ankeny. From the SW STEM Region, Joan Gordon the Elementary Principal at East Union Elementary is leading their awarded project. There are twelve awardee districts in Iowa participating in this 2-year cycle.
A brief calendar of events was provided in the Agenda with many more events in the planning cycle. Manager Frazee will continue to provide email updates to the Board especially as Appointments are completed. Any Board member in the vicinity who could help at the Shelby CO Ag Festival would be appreciated. Needed will be registration clerks, folks to help with Exhibitor set up and information staff. Wear your Company shirt or your STEM Board polo.

Due to the technical difficulties with the Zoom link, Manager Frazee will reach out to the members who did not get a chance to speak for their announcements.

With no further business the meeting adjourned at 2:40 pm

Respectfully submitted,

Deb Frazee
Deb Frazee
Note Taker

Additional notes:

Misty Gray – State Library staff sponsoring 2 STEM Dates this week. Monday was in Coralville (Aug 26th). Wednesday Aug 28th is in Anita in the SW Region with many of the STEM partners participating.

Larry Johnson – completed Coding activities over the summer with implementation going on in districts all over Iowa. STEM Innovator was a good Professional Development and is offering local opportunities as well.

Dr Jane Chaillie – planning to continue to grow the partnership for the Pre-service educators at Graceland by checking out Hub materials and other activities.

Janell Leinen will be participating in the Shelby County Ag Festival on September as a Board member and as an exhibitor with the REC Lineman 360 Virtual trainer device.

Manager Frazee had handout from the Shenandoah STEM Camp which was held. It did not get circulated at the meeting so have included for Board information. Julie Mount is a STEM Scale-up Implementer who is leading the team in the coding and tech areas.