NC STEM REGION ADVISORY BOARD MEETING  
November 18, 2015

Present: Jose Amaya, Robin Anderson, David Barajas, Paul Bartelt, John Bonner, Ben Petty, Sarah Rosenblum, Camille Sloan Schroeder, Rich Wrage

Absent: Emily Banks, Julie Graber, Doug Jacobson, Richard Ritter, Kathy Rogotzke, Jan Westrum

NC STEM Staff: Paul Gibbins, Carol Tierney

Guest: Carrie Rankin

Board Updates
Greeting and Board Member Updates
Camille – looking for volunteers First LEGO League – 19 events between this weekend and January 17. If you have an interest in volunteering, you will need to get screened. Large grant from John Deere to promote Clover Kids. Funding available the entire season. PLTW National Summit in Indianapolis. Iowa will be host of Regional at the UNI Dome in March.

David - STEM camps last summer 150 students participated. In preparation of working on next years with Extension and local schools.

Sarah – Camp Creative the last two Wednesdays. Hosting Dust, Drought and Dreams traveling exhibit thru 12/18. Voters Passed a library levy.

Robin – Mason City Intermediate won BEST RLE – faculty and staff are very excited. Last week all juniors took the NCRC exam and had 21 businesses come to discuss careers.

Camille – Do any of the STEM Hub boards look at legislative advocacy on behalf of STEM? Some of the efforts that we are trying to do are not in sync with may be happening with education.

Paul – Board members can do whatever they can. As a board we can get the attention of local legislators to connect them with the great things going on in your area. Goal to pass a budget early in the session. Governor would like to wait until December numbers before he would make recommendations.

Ben – FIRST Lego League students presented to school board to explain Trash Trek. HS ha First tech challenge in Waterloo. GMC has a group working on Ten80 Racing Challenge.

Jose – Alliant Energy has been building a electrical engineering plant in Marshalltown – STEM related jobs. Technician Training program at Marshalltown is in need of students to keep the program and to have trained employees for the opening of the plan in 2017.

Paul – Forest City STEM Camp has been looking for partners for quite some time. Waldorf College started a new program– Chantell Cooley scholarship for women in STEM-Biology who display leadership characteristics.

Advisory Board Chair Update – Code Iowa press conference in the Governor’s office on December 7, at 9:00. All are welcome to attend.

Hub Update –
Manager Report –
• Attended the Iowa Library Association Conference –how to get more interest in STEM and how to apply for Scale-Ups.
• Presented at the School Counselor’s conference - strong concern with STEM Career awareness and making sure they know what possibilities are out there.
• First Wednesday of the month attends the Superintendents meeting – building relationships and finding out how we can help.
• Paul is co-chairing the Equity and Access working group that Paul is chairing will be meeting on Friday.

STEM BEST & STEM RLE – Charles City held their kickoff at Mitas Tire and had 40-50 people present with a lot of news media. Mason City had RLE the same day.

Website Redesign Report – we are currently working on a new design and plan to have more current events available.

Financials – KidWind has submitted invoices for their entire encumbrance amount. Donated funds will not appear on the financial report until after March 2016. We will spend down the public money until the donor funds are available. We did give back the $13,170 that was earmarked for Defined STEM due to AEA’s purchasing the program for the several districts in their area.

Governor’s STEM Advisory Council update - Carrie Rankin, Assistant Director
Externship program – joining teachers and businesses for six weeks in the summer time to gather real world experiences to implement in the classroom. Working with Regional Managers to help secure a minimum of ten business hosts. Carrie will send a list of businesses that have already been contacted/committed and the financial expectations of the business. Let Paul or Carrie know if you have a new business to be considered for the program.

Paul handed out business promotion folders that will assist members when talking with businesses. Please let Paul know if he could present to an organization in your area to promote Iowa STEM.

Consider nominating a deserving teacher for the STEM Teaching award sponsored by Kemin. Nominations accepted thru 12/11. This is the award that Shelly Vanyo received last year - $1,500 for the teacher and $1,500 for the school. Still looking for evaluators from the region. Please let Carrie or Paul know if you are interested.

Advisory Board Committees
Yellow sheet – feedback worksheet to fill out notes as you listen to the other committee reports.

Committee Reports
STEM Festivals– Julie, Richard, Robin, Sarah
Would like to tie in with existing events. Big pushback in calling the events festivals as the term sounds too ambitious for smaller functions.

Carrie – STEM Festivals came on as one of the Scale-Ups. Each regional manager is asked to have one festival and act as the lead role in facilitating the festivals. Develop it to be sustainable without the STEM Hubs financial assistance.

Regional STEM Promotion – Ben, Camille, David, John
David reported – Communicating all efforts in STEM. Better use of social media and how to send our message forward.

Funding Proposals Committee – Doug, Jose, Paul, Rich
Rich – developed and implemented STEM Best and RLE proposals. Paul has a copy of the questions and rubric so the group can put forward a recommendation to send to HQ.

Program Knowledge for Board Members Committee – Emily, Jan, Kathy
Establishing a calendar for STEM activities. Ask board members to contribute articles to highlight schools for our monthly newsletter.

There has been discussion of shirts or nametags for board members. Due to all of our funds being state dollars it is unlikely that we could support the purchase of shirts. Name badges could be purchased to identify board members.

Members broke into three groups to suggest any changes to questions, rubric or add any other questions or concerns. Paul will email the results after the meeting for members to add additional comments.

**Calendar Updates**

- December – board committee work
- December 7, 9:00 am Code Iowa Governor’s Press Conference -Capitol
- December 7-13 Hour of Code in schools across state & nation
- December 11, closing date for I.O.W.A. STEM Teacher award nominations
- December 16, Executive Council of Iowa Governor’s STEM Advisory Council Meeting, Des Moines, Science Center of Iowa
- January 20, 10 – 1 PM, NC STEM Advisory Council face-to-face meeting, Ames