NC STEM REGION ADVISORY BOARD MEETING
January 31, 2017

Present: Emily Banks, John Bonner, Corey Rogers, Kathy Rogotzke, Sarah Rosenblum, Camille Sloan Schroeder, Hunter Callanan (proxy for Robin Anderson)

Online: David Barajas, Doug Jacobson, Ben Petty

Absent: Jose Amaya, Richard Ritter, Jan Westrum, Rich Wrage

Guest: Jeff Weld, Executive Director for the Governor’s STEM Advisory Council

NC STEM Staff: Paul Gibbins, Carol Tierney

Recording of Session: A recording of the action item discussion on the agenda is available online:

Hub Update – Manager Report
• Financials- provider invoices are being processed and we are way ahead of previous years.
• We will not access all of our donated funds due a few awardees not being able to attend trainings - FRC, CASE, and EiE.
• Carol’s job description and classification upgrade was approved by ISU HR.
• Paul will be attending the M4 Conference in Kansas City and NCTM National Conference in San Antonio in April.
• Paul Bartlett has resigned from the board as he is the president elect for the Iowa Academy of Sciences

Board Update
Mid-Year report for manager is due today. Kathy emailed out to the board for your input and let me know today if you have additional comments. Kathy reported that Paul meets or exceeds performance in all areas.

Governor’s STEM Advisory Council Update – Jeff Weld
• Two RFPs
  o 18 STEM Best School business partnerships have been invited to compete for four small grants. The proposal details how they are going to establish pre-apprenticeships for their students in high demand careers with local businesses. Seven have registered their intention to file a proposal and have until Feb 13 to do so. Will be seeking reviewers to read the proposals.
  o STEM PD Letter of invitation mailed out to wide group to propose STEM professional development. Proposals are due Feb 13 and would like board members to review. Paul will resend the email to those that didn’t receive it. The council approved $100,000 redistribution to the budget for FY18.
• New legislation –
  o STEM Legislation - Upped our request from 5.2 to 5.7 million with the additional amount targeted for STEM BEST. schools – this is questionable with budget concerns
  o Computer Science – incentivized voluntary to offer high quality computer science to elementary, middle and high school. A working group will be charged with figuring out the standards and
defining what are high quality computer science standards. An incentive pool of funds that will support teachers with professional development to teach computer science or to get the endorsement.

- Engineering week, Feb 17 - SCI will be showing “Dream Big” and Iowa STEM looking for industry partner to help sponsor the $25,000 for a private screening.
- Nineteen applicants for the NW STEM Regional Manager position and hope to have someone on board by early February.
- We have identified over 400 STEM related teacher leaders and have been communicating with them to find their needs and a meeting date in April.
- STEM Equity – Approximately 15 are receiving virtual PD training through NAPE. A map will be available soon for measures of equity within school districts.

Board Input
Mega-Board Meeting
- A survey was emailed out to advisory board members asking for topics they would like included in the Mega Board Meeting in April. Over 100 responses were received and the board worked to group them in to ten categories.
  - Group 4 - one did not fit the listed categories and felt it was more about research than data and reporting.
  - A lot of pedagogy – teaching and learning is a missing category.

Scale-Up Program Applicant Promotion & Selection
- An instructional video on the FAQ website starring Paul and Sarah Derry.
- The webinar last week with the nine providers will be available on the Iowa STEM website.
- Paul will email all electronic documents and the PowerPoint presentation
- Review process begins after application deadline of March 3
- Three board members will review each application (board will know in advance which programs they will review)
- Rubric for scoring the three essay questions
- Submit scores electronically by March 31

Libraries and catholic schools, have been emailed the scale-up information and Paul will be on the 4-H webinar next week for promotion to Extension. Paul will be staying in northern Iowa next week to promote Scale-Up programs and has several appointments. Historical list of awardees (handout) is segmented into three tiers and Paul will connect with all tier 1 and 2 educators.

Iowa-Big-North, STEM BEST awardee 2015-16 presented on their initiatives marketing Iowa Big North, Teen-2-Teen mentoring program, and small town struggles.

2016-17 North Central STEM Advisory Board Meetings – all meetings will be held in the Extension 4-H Building, Room 1020 unless noted they are via conference call.
March 21, 9:30 am
March 28(virtual if needed) 9:30 am
May 16 (virtual), 9:30 am
June 22, 11:30 am
August 17, 9:30 am
Calendar Updates

- Feb 16: STEM Day at Capital
- Feb 25, 8:30-3:30 EdCamplowa, Ames High School
- March 3: STEM Scale-Up Program Application Closes
- March 21, 9:30 to Noon, North Central STEM Advisory Board Meeting, Ames
- March 28, 9:30–10:30, North Central STEM Advisory Board Meeting, Virtual – finalize scale-up awards (if needed)
- April 1, 10 AM to Noon, Spotlight on STEM Festival, Forest City
- April 3, STEM Scale-Up Awardees announced
- April 10 – Mega-Board Meeting
- April 21-22, IT Olympics, Hilton Coliseum, Ames
- June 21, Iowa STEM Summit