

Oregon Coast STEM Hub Leadership Council Meeting - Notes

June 30, 2020, 8:00 AM – 10:00 AM

Location Online Only

Attending LC Members*/alternates**: Dave Hansen*, Larry Boles**, Itchung Cheung*, Alix Lee**, Kerry Carlin-Morgan*, Kristi Foster*, Shamus Gamache*, Lisa Phipps*, CJ Drake*

Attending Backbone Staff: Tracy Crews, Cait Goodwin, Josh Jannusch, Kara Allan

Attending other: Deb Bailey, Jaime Belanger, Kelvin Valdovinos, Anne Marie Serres

Welcome and Introductions

Quorum reached.

Approve Notes from May 7 Meeting

Motion from Dave to approve the May 7 meeting notes, seconded by Kristi; Members voted and the motion carried.

Updates from ODE from Deb Bailey

Deb Bailey, Program Officer for our STEM Hub, shared the current situation with state funding and budget for STEM Hubs going forward. There is still a lot of uncertainty since the state legislature will not be meeting again until August, and they are the entity that decides how the 17% budget cut for the year will be allocated across state programs.

Guidance Writing: Deb has been working with STEM Hub leadership to see where Hubs can help school districts as they prepare their School Reopening plans due to ODE by August 15. ODE suspects most districts will plan for a hybrid model. It is possible that informal educators could be used to help with instruction. “Comprehensive Distance Learning” is the term that will replace the “Distance Learning for All” term that was used for the emergency situation in the spring.

Deb will be conducting the annual Site Visit for OSCH with Tracy, Itchung, and Cait following today’s LC meeting.

Hub Governance

LEADERSHIP COUNCIL TERMS AND ALTERNATES - LC members viewed the LC roster and added their alternates and term end dates when possible. Most terms now end in June 2021 or June 2022.

- Josh will check in with Rod Heyen about his role on the LC.
- Itchung will continue to try to reach Alissa Lane about her role on the LC.

LEADERSHIP COUNCIL COMPOSITION - Participants share information about **potential new LC members** identified at the last meeting.

- **Motion** from Kristi to add **Jaime Belanger** from South Slough NERR as a LC member, seconded by Dave; Members voted and the motion carried. Bree Yednock will be Jaime's alternate, and the term end date is June 2022.
- **Amy Schmid** is interested in learning more about becoming a LC member. Kristi and Alix will continue to share information with her. Amy is also part of the NW STEM Hub and wonders how that works; Tracy suggested that Amy talk to Josh Jannusch since he is in a similar situation.
- Sarah Cunningham recently left the LC after ending her position at the OR Employment Dept; Kelvin Valdovinos was going to take her place but now he is leaving as well. His replacement at OR Employment Dept will be **David Nelson**.
- **Anne Marie Serres**, an 8th grade teacher in Astoria, is attending the LC meeting today to learn more about OCSH governance.

Cait has updated the OCSH [Leadership Council webpage](#) with new information from today's meeting.

AREA COORDINATORS

- **Josh** and **Kara** serve as North and Central coast Area Coordinators for the OCSH, providing important roles to communicate for the Hub, support PD planning and facilitation, manage the STEM resource trailers, and more. Currently the costs for their participation are covered by their partnering school districts (Warrenton-Hammond and Lincoln County). Josh believes Warrenton intends to continue to support Josh if possible, though it is possible that the coming effects of the COVID-19 crisis may derail plans. Kara has not heard if LCSD will be making changes to the way her position is supported.
- There is currently no Area Coordinator for the south coast region. When OCSH funded the position, the south coast Area Coordinator came from South Coast ESD. SCESD supports a person to manage the Coos trailer. Tracy and Jaime will revisit the Area Coordinator role with SCESD superintendent Tenneal Wetherall.

INTERIM DIRECTOR

Tracy Crews was appointed by the LC to serve as Interim Director until July 31.

Motion from Lisa to extend Tracy's appointment as Interim Director until the position of Director is filled, seconded by Dave; Members voted and the motion carried.

Updates - See [PDF](#) for details

- STEM Week Report
- STEM Hub Resource Trailers
- Grant Funded Projects
 - CS Drive - computer science training for school districts
 - Two Rural STEAM Leadership Network projects
 - Rural STEAM Collaborative
 - Oregon Science Project Distance Learning Facilitator Training
 - Early STEM professional development
 - Hampton Foundation - 3D printing

- Oregon Community Foundation - Career connected learning in Curry County
- ORSEA - Year 2019-20 is wrapping up; repeat in 2020-21
- Georgia-Pacific - STEM Week in public libraries
- Impact NW - Broadband event(s) to be planned
- Culturally Responsive Teaching PD coming soon
- PO Gray Whale Foraging Internship is happening again this summer

Needs Assessment - OCSH would like to send out a Needs Assessment survey to our partners to find out how OCSH can best serve our region during the COVID-19 pandemic and associated changes.

Getting Involved - Lots of projects have been shared at this LC meeting, and there are many ways for LC members to help with the tasks that lie ahead. **Please fill out this online survey to indicate how you would like to help:** <https://forms.gle/rghfgQXGiwQwWSz48>

Next Meetings

Please note the dates and times for upcoming Leadership Council meetings. Cait will send Outlook and Google calendar invitations.

- a. **July 21** 10AM-11AM optional check in
- b. **Aug 18** 10AM-11AM optional check in
- c. **Sep 17** 8AM - 10AM - **quorum needed for this Quarterly Meeting**

Adjourn

Respectfully submitted, C. Goodwin - 6/30/2020

Oregon Coast STEM Hub Updates- June 30, 2020

General Oregon Dept of Education (ODE) Updates

- ODE has shared their proposed budget cuts for the STEM Hubs. Proposed cuts include a 3.75% reduction in backbone funding and 8.15% in programming funds. Actual reductions will not be known until after the Oregon Legislature has met and approved the budget, likely in late July or early August.
- ODE has decided to hold off on the Continuous Improvement Process (CIP) for the STEM Hub. We will, however, have our annual site visit with our program officer (Deb Bailey) on June 30th.

STEM Week Report

The statewide 2020 STEM Week Oregon event was held May 9-17 and engaged thousands of youth and adults. Partners from our Hub registered a variety of STEM activities on the coast, and the daily STEM challenges created for this event continue to be available for use. For more information, visit: <https://oregoncoaststem.oregonstate.edu/stem-week>



STEM Hub Resource Trailers

The OCSH currently manages online checkout systems for STEM resource trailers located in Curry, Coos, Lincoln and Clatsop counties:

<https://oregoncoaststem.oregonstate.edu/educators/kits>. In June, the Curry County STEM Hub resource trailer was moved from Brookings to its new home at Gold Beach High School. We are taking the opportunity of this transition to try out a new online checkout system for lending the materials. If all goes well, we hope to be able to transfer to using the new, less expensive system to all four trailers beginning in Fall 2020, and the system could be used for Tillamook and Florence resources as well if there is interest.

CSDrive (ODE Funded, OCSH Lead)

The CSDrive project positions STEM Hubs as regional leaders in facilitating the creation and implementation of CS plans with partnering school districts.

<https://oregoncoaststem.oregonstate.edu/cs-all>

- Jill Hubbard (OSU-Cascades) was contracted to help coordinate statewide efforts amongst participating STEM Hubs and associated school districts.
- The SCRIPT facilitator workshop was originally planned for in-person on June 16-17 but due to COVID was run virtually via Zoom June 15-18th. In total, 11 facilitators from six STEM Hubs attended the training, and two school district teams were trained (Warrenton-Hammond and Lincoln County). These school district teams will continue to meet and flesh out their district plans which they will submit to obtain additional funds for identified CS PD in their districts.
- A second SCRIPT workshop will be run virtually August 18-19 to train additional facilitators and school districts.

Rural STEAM Leadership Network (ODE Funded, Central Oregon STEM Hub Lead)

This project involves multiple rural STEM Hubs working to improve NGSS implementation by establishing NGSS Professional Learning Communities (PLCs) and training facilitators that can assist with implementation at the school level.

- Tracy and Kara met with Tracy Willson-Scott (project lead) and leaders from other participating hubs to discuss implementation of the project. It was decided to combine originally scheduled regional in person trainings and move to all online.
- **Rural STEAM Collaborative-** Virtual Rural Learning Collaboratives involving classroom teachers, administrators and informal educators just launched via Zoom and will continue throughout the school year. Participants will have the opportunity to apply for mini-grants to support the implementation of NGSS in their classrooms/programs.
- **Oregon Science Project Leaders-** Recruitment has begun for the OSP NGSS facilitators and So far, 2 teachers from Lincoln County, 1 from Siuslaw and 3 from Coos County have applied to become NGSS Facilitators. Once trained, facilitators will work with other staff in their school/region to run PD in NGSS implementation. Facilitators will receive a stipend for their work.
- **NOTE:** We are still awaiting the IGA for our portion of the work (\$75K). The program officer from ODE has indicated they are holding off until they get clarification on how much to reduce the award (ODE proposed an 8.15% reduction) before they process the IGA to avoid having to do an amendment later.

Early STEM (ODE Funded, Umpqua Valley STEAM Hub Lead)

This Early Learning (EL) project identifies EL professional development options and preferences and facilitates identified PD to meet the needs of early childhood educators in our region.

- IGA for \$18K Received.
- Tracy and Cait met with the project lead (Gwen Solderberg-Chase) and PD providers to discuss virtual options for PD. A needs assessment will be done of early learning educators to determine timing and preferred format for the PD before moving forward.

HAMPTON FOUNDATION (\$25K, HMSC is Project Lead)

Project designed to connect LCSD students with new Innovation Lab at HMSC using 3D printing technology. Printers and software will be purchased and curriculum created that will allow LCSD students to learn about 3D printing at their schools and then come to HMSC to work on more complex projects.

- 3D printing equipment and associated software is being purchased for the Innovation Lab and LCSD. Kara Allan and Bryan Freschi (Technology TOSA for LCSD) are starting work on the curriculum which will integrate middle school math standards and PBL through 3D printing.
- A No Cost Extension request and progress report was submitted to the funder on 6/23/2020.

OREGON COMMUNITY FOUNDATION (\$10K seed money from OCF provided to all STEM Hubs to conduct needs assessment and develop a larger proposal)

- Itchung and Tracy met with Manuel Padilla from Oregon Solutions on May 7, 2020.

- [OCF Project Work Plan](#) from Oregon Solutions provided by Manuel.
- We now have until Spring 2021 to submit a proposal and are seeking additional LC members to help develop a plan.

ORSEA (Funded by Oregon Sea Grant Program Development Funds and the National Science Foundation's Regional Class Research Vessel Project)

ORSEA brings together math and science teachers and marine researchers to co-develop student lessons around anchoring phenomena that include marine-related data and help support career connected

learning. <https://oregoncoaststem.oregonstate.edu/msea>

- The May 15th capstone event allowed teacher-scientist teams to present posters of their projects.
- The final task needed will be to curate curriculum on the website. FTE was included in the grant for Cait to complete this work.
- RCRV has indicated there will likely be additional funds to continue the project for the 2020-2021 school year. The project team will meet soon to discuss.

STEM Week with Public Libraries (\$25K awarded by Georgia-Pacific)

GP awarded the Oregon Coast STEM Hub \$25,000 to support STEM activities. We are currently working with public libraries in Lincoln County to use some of the funds to promote 2020 STEM Week activities to family audiences this summer.

Broadband Event (\$10K awarded by Impact NW)

Work with Oregon Broadband Advisory Council and STEM Hub Partners to bring together education, industry, state and local leaders to learn more about the strategic importance of expanded broadband access, the work of the Oregon Regional STEM Hubs, and build legislator connections to Oregon industry, education, community partners.

- Tracy and Cait met with the chair of ORBAC and the PMSP who is overseeing the larger project. Original agreement ends in June 2020 and was supposed to be for an in-person event. A modified agreement is in the works extending the completion date to June 2021 and making virtual events allowable.
- We would like to form a committee to discuss possible options and help plan the event(s).

Culturally Responsive Teaching (CRT) PD

We met with Ruth McDonald who has agreed to contract with us to run another online educator training/book study on Culturally Responsive Teaching and STEM. We anticipate this training will run for 6 weeks this summer and hope to have registration open and recruitment materials out next week.

Port Orford Gray Whale Foraging Internship

Oregon State University's GEMM (Geospatial Ecology of Marine Megafauna) Lab will soon be undertaking its sixth consecutive year of summer field studies in Port Orford. This year's team includes a high school student from Port Orford, an OSU undergraduate student, and two graduate students. Although the OCSH no longer has funds to contribute to the program this year, we are excited that the endeavor to involve high school interns in authentic research activity continues.