



# Leadership Council Meeting

## Oregon Coast STEM Hub

December 10, 2018 | 11:00am – 3:00pm

South Coast Education Service District

1350 Teakwood Avenue, Conference Room, Coos Bay, OR

Link to handouts

<https://drive.google.com/drive/folders/1Oo0JgJirBXhGPC9WnvUHSweGy-h-RPiD?usp=sharing>

**Attending In Person:** Kathy Barber\*, Sarah Cunningham\*, Josh Jannusch ■, Ruth McDonald ■, Dawn Granger\*\*, Lani Schreiber ■, Shelby Walker\*, Trish Mace, Larry Boles\*\*, Erika Street, Lisa Blank, Christina Geierman, Kama Almasi ■, Tracy Crews ■, Cait Goodwin ■, Itchung Cheung\*\*

**WebEx/Zoom:** Kristi Foster\*, Kerry Carlin-Morgan\*, Lisa Phipps\*

(\*LC member \*\*alternate LC member ■ backbone staff)

## NOTES

### Welcome and Overview of the Day

- Introductions. Kathy requests a list of who's who (attendees and their affiliations) - see list at end of these Notes.
- Move to approve Notes from 8-20-18 LC mtg to after lunch so people have time to read them.

### Mapping a Strategic Plan for the New Biennium

Lisa gave the LC an overview of some of what is going on with STEM at the federal, state and local level as a framework for our prioritization process.

#### Federal: Perkins V CTE and STEM

H.R. 2353, the Carl D. Perkins Career and Technical Education Act (Perkins Act) was reauthorized by U.S. in July 2018, and will go into effect July 2019. It is known as "**Perkins V**". Its focus points are:

- Improving alignment to state-identified in-demand industries
- Placing a stronger emphasis on quality by requiring robust measures of progress
- Placing a stronger focus on equity by increasing federal funds that states can set aside to assist CTE programs in rural areas and predominantly low-income areas (Gr 5 and up).

#### State: Oregon Department of Education

Lisa attends **STEM Hub Council** meetings regularly. She reports that the Educator Advancement Council wants teachers to be more involved in teacher professional development opportunities in Oregon. This makes sense because teachers have more buy-in when teachers are involved in processes from the beginning. She suggests that today our Leadership Council (LC) should discuss inviting teachers (CTE?) to be on the LC or establish a teacher advisory council.

OCSH submitted to ODE's **RFI: Educator Networks to Coordinate Professional Learning and Supports**. The purpose of this Request For Information is to determine what is going on in teacher professional development (PD), which will inform a RFP (Request for Proposal). PD reaches preservice all the way

through teachers in TOSA/Mentor roles. Those who were not able to apply to the RFI will still be able to apply to the RFP when it becomes available (March 2019). Highlights of our application:

- Need: Recruitment and retention is a challenge on the Oregon coast. Coast teachers have comparatively low salaries, social and professional isolation.
- Target: Oregon coast early career teachers (brand new up to year five)

#### Local: Oregon Coast Demographics

LC discussed student data across districts (181210-CoastStudentDemographics). Science data are not included. Some places appear to be working better than others.

Note: Nestucca SD is missing from this table because they did not sign with OCSH last time as a partner.

Data supports a need for a focus on math support.

Discussion of the importance of early learning, since it makes a difference with everything that happens to learners after that.

LC also discussed:

- 181210-RoadmaptoSTEMsuccess - Research-based flow about what goes into a successful pipeline. This map can help us as we decide what to prioritize in our Hub.
- 181210-SupportK12-CS-Ed in Oregon - We got this from Anthonette Pena from code.org at our recent OCSH Twitter Chat.
- 181210-LaborMarketInfo-ORemployment - Conversations are going on that recognizes the coast has a maritime sector, the current demographic is aging, and there are opportunities to focus on training for this sector to meet the demand. The *maritime sector* field has not yet been added to the qualityinfo.org website.

New LC member Sarah Cunningham from OR Employment Dept shared <https://www.qualityinfo.org/> (How to: *Click on the Training & Education tab, then Occupational Prioritization for Training. On left column, select area and filter by types of jobs*). She also brought goodies. For example: **Careers** booklets to share, listing occupations in Oregon, tips for students to write a resume, interview, develop soft skills, etc. This resource is now posted on our website in English and Spanish here: <https://oregoncoaststem.oregonstate.edu/cool-careers>

#### **Lunch**

Activity during lunch: What are the top three priorities that you would like to see in our OCSH? Put each on a sticky note and post it on the wall. Volunteers will arrange stickies into like groups.

#### **Sticky Note Priorities Report**

Priorities brainstormed by group for our LC

- 1) Elementary
- 2) CTE/Pathways/applied
- 3) Family/Parent engagement
- 4) Computer Science
- 5) Early Learning STEM
- 6) Marine Education
- 7) Equity

## 8) Student STEM Engagement

### Discussion about Coast STEM Areas

The history of our Hub indicates that we have had a focus on marine science. This is appropriate for our region, and also more important for some partners than others.

- To what degree is/should marine science be for the OCSH? Lots of STEM subjects can be connected in some way to marine science, and vice versa. Engineering is easy to connect to the marine sector. Scientists need to know how to code.
- Marine science is an engaging “hook” for students. Give students a sense of value to place and community.
- Many families are struggling. Despite living on the coast, some students have little to no relationship with the marine environment.
- Teachers value connections between community resources/mentors and the classroom.
- South County School Districts have compiled a list of career interests, and nearly all connect to STEM. Not all are marine related (cosmetology, radio broadcast, etc)

Discussion about how teachers give input to the OCSH (needs assessment surveys, through Area Coordinators), and how Early Childhood educators are served (PD that targets EC educators).

Activity: LC members place colored sticky dots next to the grouped priorities of sticky notes on the wall. Key to colors:

- green = i’m willing to devote time to this
- yellow = important for OCSH to think about
- red = maybe but I need to learn more

The number of green dots placed next to each priority:

- 1) Elementary - 2
- 2) **CTE/Pathways/applied** - 7
- 3) Family/Parent engagement - 3
- 4) Computer Science - 3
- 5) **Early Learning STEM** - 6
- 6) Marine Education - 5
- 7) Equity - 3
- 8) **Student STEM Engagement** - 6

NBHS teachers share that teachers need equipment to implement STEM lessons. Brief discussion of the STEM Hub Resources available throughout the Hub.

### Leadership Council Composition:

Group discussed a plan for expiring LC Memberships, new Chair and New LC Members

- Cait read off all the LC members and their seconds. Sarah Cunningham is on the LC now, and Annette is her second (see below and on the [website](#)).
- Four LC member terms are **expiring Jan 2019**: SueAnn Bottoms, Kerry Carlin-Morgan, Tenneal Wetherell, Shelby Walker. Since keeping these active members on the LC would be helpful for continuity, the **LC agreed to approve extending terms** of any of these members who would like to continue. Shelby will reach out to each individual to ask.

- LC member Mark Jeffery of Warrenton-Hammond School District is retiring. **LC agreed to approve Rod Heyen as the primary LC member.**
- LC discussed sectors to be represented on our LC based on the priorities just discussed. By the next meeting, **LC members should submit nominations for new LC members to Lisa Blank by February 15.**
- Groups discussed how to involve teachers in governance. We once had teacher representation on the LC in the past, but then moved to only having higher level people with decision making authority on the LC, while teachers and others could focus their efforts in Work Groups. Also, it can be difficult for classroom teachers to attend LC meetings. Consensus: **Develop a Teacher Advisory Council.** Lisa will develop a proposal and present it to the LC at the next meeting.

### Leadership Council Leadership Roles

- Current LC roles:
  - Chair - Shelby
  - Vice Chair - Itchung
  - Exec Committee - Shelby, Itchung, Mark, Tenneal
- Chair and Vice Chair positions
  - Shelby Walker is ready to no longer be the Chair of the LC, but will stay on the LC with Dave Hansen as her second.
  - Nominations accepted for a new Chair (incl self-nominations).
  - The nominations will remain open so **please give Shelby your Chair and Vice Chair nominations by February 15.**
  - Itchung was nominated to move from Vice Chair to Chair.
  - At the next LC meeting, a new Chair will be selected.
- Executive Committee positions
  - Shelby and Mark will no longer be on the Exec Comm.
  - **Please submit nominations for Exec Comm to Shelby by February 15.**

**Approve the Minutes from 8/20/18** - Group decided to do so via email. Read them here: <https://bit.ly/2EvTtZN>

### Updates on Activities and Upcoming Events

Larry Boles shared: OCCC Aq Sci has a 10,000 sq ft building which is underutilized in the summer. If OCSH are interested in using this space, please contact Larry.

Backbone Staff shared PD and Student STEM experiences (see handout 181210-Updates)

Oregon Connections (aka "Nepri") is an opportunity to get STEM Professional expertise into classrooms. OCSH has licenses for each OCSH Area Coordinator (3). We just acquired 9 more licenses from Salem Metro STEM Partnership. We will be reaching out to each region to solicit interested parties/teachers who want to use one of these licenses.

Lisa is working on establishing a Chick Tech program in south county. This program complies with Title IX because it is "non-binary" (open to all genders). ChickTech will provide funding for the charter if OCSH makes the initial connections.

South Coast is looking for funding support to run Family STEM Nights (food, paying teachers, etc).  
 Notes: North Bend and Marshfield High Schools have awesome students who are required to do science-related community services, and they could help with STEM Nights.

**Summary of ACTION ITEMS for Leadership Council members:**

1. Submit names of new LC members to Lisa Blank ([lisa.blank@oregonstate.edu](mailto:lisa.blank@oregonstate.edu)) by Feb 15
2. Submit nominations for Chair, Vice Chair, and Executive Committee to Shelby Walker ([shelby.walker@oregonstate.edu](mailto:shelby.walker@oregonstate.edu)) by Feb 15
3. Read the minutes from the 8/20/18 meeting and approve them here <https://goo.gl/forms/Z6Qs7gnsRI3Rw7yA2>

**Next Meeting:** Friday, March 8, 2019 - Location TBD

**Oregon Coast STEM Hub Leadership Council Members and Meeting Attendees**

**In Person and Online**

**December 2018**

EC = Executive Committee

LC Member Name	Alternate	Organization	Term Ends
Birgitte Ryslinge	Larry Boles	Oregon Coast Community College	Jan 2020
Bob Cowen	Itchung Cheung (Vice Chair, EC)	Hatfield Marine Science Center	Jan 2020
CJ Drake	Franz Cosenza	Georgia Pacific, Toledo	Jan 2020
Kathy Barber	TBD	Parenting & Family Literacy Dept, Southwestern Oregon Community College	Apr 2020
Kerry Carlin-Morgan	Sara Shaw Roberts	Oregon Coast Aquarium	Jan 2019*
Kristi Foster	Alix Lee	Tillamook Estuaries Partnership	Jan 2020
Lisa Phipps	TBD	Oregon Dept Land Conservation & Development	Aug 2020
Mark Jeffery (EC)	Rod Heyen	Warrenton-Hammond S.D.	Jan 2020
Sarah Cunningham	Annette Shelton-Tidemann	Oregon Employment Dept	Jan 2021
Shamus Gamache	Ty Hillenbrand	Central Lincoln PUD	Jan 2020

Shelby Walker (Chair, EC)	Dave Hansen	Oregon Sea Grant	Jan 2019*
SueAnn Bottoms	Jay Well	OSU Precollege Programs	Jan 2019*
Tenneal Wetherell (EC)	Dawn Granger	South Coast ESD	Jan 2019*

(\* ) = Following the meeting, these members agreed to extend their positions by one year, to Jan 2020.

OCSH Backbone Staff Attending	Role
Lisa Blank	OCSH Director
Tracy Crews	STEM Student Experiences Coordinator
Ruth McDonald	Professional Development Coordinator
Cait Goodwin	Communications Coordinator
Josh Jannusch	North Counties Area Coordinator
Kama Almasi	Central Counties Area Co-Coordinator
Lani Schreiber	South Counties Area Coordinator

Other Community Members Attending	Role
Trish Mace	Director, Charleston Marine Life Center
Christina Geierman	Science Teacher, North Bend High School
Erika Street	Science Teacher, North Bend High School