



Oregon Coast STEM Hub Leadership Council Meeting

April 20, 2022, 9:00 AM – 11:00 AM

NOTES

[Link to Participant Folder](#)

Attending LC Members (of 16 total): Itchung Cheung*, Larry Boles**, Hunter Templeton*, Rod Heyen*, Charis McGaughy*, Sara Roberts** (left early), Kristi Foster*, Jay Well*, Hui Rodomsky**, Trish Mace*, Jaime Belanger* (will be late)

(* = primary, ** = alternate)

Attending Backbone Staff: Cynthia Resendiz, Cait Goodwin, Tracy Crews, Josh Jannusch

Attending Other: Leeauna Perry - Sitka Center for Art and Ecology, Amy Hoffman - OSU Ext Outdoor School Program

Welcome & Introductions

Itchung shared [article](#) of interest: *A 'Stunning' Level of Student Disconnection*

Brief introductions of attendees

Approval of Notes from the [Dec 2021 meeting](#)

Kristi motioned to approve notes, Larry seconded

Vote: Motion carried; notes accepted.

Determine next LC Meeting dates

- Quarterly LC, June at 9-11AM on Zoom: Cait to send [Doodle poll](#) to choose between June 14&15
- Monthly meetings: Cait will email Outlook calendar invitations
 - May 5 at 9-10AM on Zoom
 - July 13 at 9-10AM on Zoom
 - August 17 at 9-10AM on Zoom

Director's Report

- Link to [PDF](#) of Cynthia's presentation
- To access hyperlinks with more information about the content on the slides, open the [PPT](#) presentation and look in the Notes section at the bottom of each slide.

OregonSTEM

OCSH Outreach activities

Innovation Grant program updates

Mathways update

New Diversity Statement

New OCSH [Diversity Statement](#)

Itchung motioned to approve new Diversity statement as written

Vote: Motion carried; statement accepted.

Cait will add statement to OCSH materials

New Partnership Plan

- Most recent PP was in [2017](#)
- Many have made comments, Itchung will work with a committee (previously identified, Jay, Larry, Kristi, Dave) to actually make the changes. Past function of PP was a requirement to get funding from ODE. Now it's more of a way to communicate with our partners and others.

Deadline to submit the PP to ODE is in June 2022.

- Timeline: Present a draft at the May monthly LC check in. Vote to approve final copy at June LC quarterly meeting.
- Itchung has divided the PP into digestible sections:

1. Executive summary
2. Oregon Coast Regional Assets
3. Regional Needs Assessment
4. High-Leverage Strategies and Programs
5. Strategy: Contextualized, Student-centered Learning Experiences
6. Strategy: Develop Effective STEM Hub Network
7. Strategy: Educator Professional Development and Mentoring
8. Data and Evaluation Strategies
9. Sustainability
10. Appendix 1: Partnering Organizations 2022-2023

- Some of the data is required to update the plan. Most of the data will come from ODE.
- Itchung will contact people interested in helping update the PP after this meeting. This is a great opportunity to see the full extent to the STEM Hub.

Roundtable Updates from Partners

Jaime Belanger, South Slough Reserve - Four HS interns have been working at SSNERR this spring to help with afterschool programs. Visitor Center is opening on May 3, with two new exhibits. Busy spring school program calendar; students visit the reserve and also reserve educators go out to schools. Coming up: Workshop at Millicoma Marsh for Coos Bay teachers and a TOTE educator PD 3-day workshop in June focused on climate change and stewardship.

Tracy Crews, Oregon Sea Grant - HMSC is running in person school groups this spring. Tracy is leading school tours of the R/V *Oceanus* and HMSC iLab for students from North Bend, Bandon, Warrenton, Lincoln, etc. Four student trips are planned for next week on the R/V *Pacific Storm*. Three ORSEA teachers and their students are participating in the research cruises and also ESL HS classes from Newport and OCCC classes. The MATE Oregon Regional ROV Competition will be on May 7 in Lincoln City and teams from Tillamook and Warrenton will be participating. <https://materovcompetition.org/oregon>

Cait Goodwin, OCSH Communications - Talked about STEM Week and encouraged partners to participate by registering STEM Week events and sharing STEM Week resources: <https://oregoncoaststem.oregonstate.edu/hub-happenings>

Jay Well, OSU Precollege Programs- As Cynthia mentioned, iINVENT camps are being planned for MS level youth. Also, piloting a HS level Youth as Inventors program with Newport HS and HMSC iLab May 23 - Jun 16; 10 students selected to participate. Seeking to partner with in-school invention programs for 4 and 5 grade students with classrooms in the Fall using a hybrid model. Precollege iINVENT Program: <https://precollege.oregonstate.edu/iinvent>
iINVENT Summer Camps: <https://precollege.oregonstate.edu/iinvent-summer-camps>

Trish Mace, UO's Charleston Marinelifelife Center at OIMB - Busy with spring programming. Nice response and engagement from community volunteers getting back to the CMLC. Students are on the OIMB campus now and in summer. Right now, several grad students are on the R/V *Thomas Thompson* near the Tonga eruption. About to advertise for HS interns (supported by OCSH)

New website for CMLC: <https://cmlc.uoregon.edu/>

Oregon Institute of Marine Biology: <https://oimb.uoregon.edu/>.

Leeauna Perry, Sitka Center for Art and Ecology - The Sitka Center is now interviewing for the Fall

residency program. Leeauna leads the youth program. A recent project involves a cellist who plays back what students draw.

Larry Boles, Oregon Coast Community College - Meeting with folks interested in bringing more live seafood sales to the Oregon coast. History is that husbandry for live animal seafood has been poor quality, but OCCC may be harnessed as a training program for improving husbandry for these systems. Could be a HS internship possibility for the future. Funding for this effort may be robust.

Kristi Foster, Tillamook Estuaries Partnership- Just hired a part time outdoor education person. Rachel Freeman will start in mid-May dedicated to K-12 EE and this is a shared full time position with Friends of Netarts Bay.

Josh Jannusch, Warrenton School District and OCSH backbone - Warrenton is part of the STEM Schools Transformation project; they are gathering data and their team and aligning PD for the summer. Hosting an iNVENT camp and planning to do an in-school version with 6th grade next Fall. Three teams from Warrenton are going to the MATE ROV competition. Just finished up a pilot program for CS Drive and completed a test. A MS teacher from Warrenton is part of ORSEA. Planning a girls construction camp in August. Possible K-8 CTE programs this summer will be held at the HS. New outcomes from ROV programs: Weyrhauser gave \$10K grant to get Blue Robotics ROV for use for students to do fish counts prior to logging activities. Also pairing up with crustacean counts and archaeological society looking for sunken ships. Local drone operator is taking students out to use drones to do timber cruising and this might someday end up as an internship.

Amy Hoffman, OSU Extension Service Outdoor School - Based in Coos Bay, Amy serves Coos, Curry, Douglas, and Lane counties. Would love to see the coast offer more Outdoor School programming sites. Not many places, sites, educators... the overnight piece is tough but would love to discuss further. Will be doing site visits and planning for next year soon.

Amy Hoffman [contact info](#)

OSU Outdoor School: <https://outdoorschool.oregonstate.edu/>

Charis McGaughy, South Coast ESD- Charis just accepted a position as the permanent Superintendent for Coos Bay School District! She has been serving as Interim Superintendent for the South Coast ESD, but her role there will end in June and the identity of the next South Coast ESD superintendent is unknown. How will this affect Charis's LC position? Charis shared an upcoming webinar of interest: https://wellnesstogether.zoom.us/webinar/register/WN_1d4Gm6F5Sye0F7gjXl7g8g

Hui Rodomsky, Dept Land Conservation and Development - Oregon Coastal Management program is responsible for estuary planning goals and the Coos Bay Estuary Management Plan needs to be updated. They have a proposal out to obtain funds to hire UO staff to work with south coast members on the update effort. Oregon Coastal Management Program (OCMP): <https://www.oregon.gov/lcd/OCMP/Pages/Planning-Assistance.aspx>

Hunter Templeton, Central Lincoln PUD - For the past 3-4 months they have been struggling to fill key positions in engineering dept (electrical, network). They are just now starting to fill staff positions that could supervise HS student interns. Hoping to reach out to HS students soon to find out if any are interested in a part time internship over the summer. Discussed possible reasons why it Central Lincoln PUD has been having difficulty recruiting engineers to the coast. Hunter himself grew up on the coast.

Itchung Cheung, OSU Academic Programs at HMSC- Shared poster for Ocean Sciences meeting that summarizes the past two years of activity at HMSC.

Adjourn

- *Respectfully submitted, C. Goodwin*