Saint Edward SP Environmental Education and Research Center

Advisory Committee Meeting

Husky Hall 1160

February 26, 2019
7:00 to 9:00 p.m.

AGENDA


Gathering and Social at 6:30

1. Welcome and Introductions

2. Legislative Request

David Frockt (Senate) and Gerry Pollet (House)

Goal: April draft set of recommendations that what we hope to take to state parks commission in May - Final deliverable for this stage of the process

Susan:
Capital Requests submitted to David Frockt (senate) and Gerry Pollet (House) re: renovation of interior Gym Annex and Outdoor gathering space

Includes a 50% FTE person in January, potentially Elizabeth to help navigate if this is 5013C, see our way to a bonafide university relationship.

We are going to need to run an advocacy campaign behind this to put it over the top, what we have in mind is a community sign on letter (in addition to University and State Parks). There is a lot of e3 organizations we could sign on, just hoping it can be quite an effective tool.

Operating budget request timeline: Meeting with Gerry 2/27 to see if that budget is feasible, ideally in by Friday 3/1.

As we find pathways for additional support, we will stay in touch. Send out community sign on letter.

Timeline and recap from previous meeting - after a good deal of thought and writing, ended up going in with a senate budget request at $1,540,167.92 $1,440,031.69 is what received based on overhead needed.

3. Public Engagement Meetings

Recap from previous meetings: topics discussed:

Ideas for study and education
Build upon and support existing educational use
Importance of experience and stewardship
Concern about cumulative impacts to Park
Concrete feedback about indoor facility needs:
- single person multipurpose room
- careful scheduling and coordination
- storage needs

Attention needs to be paid to scheduling and coordination (lab space, coordination of use of park)
Mission Statement (revised):

To provide inclusive, experiential, and integrated environmental education and research opportunities to all, including pre-K-12, university, and the wider diverse community, with the purpose of advancing scientific knowledge, public understanding, and stewardship of PNW ecosystems and biodiversity for a sustainable future.

“A living laboratory where experience transforms learning and stewardship takes root.”

Recap from 2/21 Public Meeting

Environmental Education Research to Practice

Wildlife Cameras

Design Session - learning across age bands, lifelong learning in park, citizen science

Themes and findings

Biodiversity - themes in both lifelong learning and scientific investigation breakout groups

Across a variety of subjects

David Stokes:

University Read Research - UWB Faculty Interest

Interviews and other input from faculty indicate 18 faculty (at least) that would use the facility from three schools: IAS, Education, and STEM. Areas of focus could be:

- environmental education
- biological sciences (ecology, restoration, botany, wildlife, salmonids, entomology
- geological sciences

-Social sciences/policy

Other colleges:

UW Seattle (ESFS, Biology)
Faculty Interest: Types of Uses

- Single day field trips
- Student research projects
- Faculty research
- Repeated class activities on site
- Field classes (exclusively taught on site) ranging from STEM to humanities
- Quarter long class research projects and capstones
- Natural history education
- Student service learning
- Mentoring
- Public presentation of student work
- Community (citizen) science

Ex: urban wildlife study - what species are in the park?

(discussion on courses offered involving St Edward student independent research)

Next step: Community Science and potential in the future

**EERC Prek-12 Pathways Program (20:00)**

Informed by: literature, NAAEE Guidelines, Best Practices revealed at other day use ELC orgs and facilities, community input derived at first two public meetings, support for host agencies visit/mission and partner university educational approaches

Developmental stages of youth development through Environmental Education

At full rollout:

- A suite of grade-band appropriate, WSLS-and NGSS-standards-aligned outdoor offerings which teachers can easily plug into
- Custom-designed EE field trip offerings working directly with teachers to meet their needs
- Opportunities for teachers to run their own programs utilizing the parks assets
- After school offerings

Who is served/not served?
- Abundance of programming for PreK and Elementary, but high school does not have as much focus.

High School Environmental Leadership Programs

- SCA
- Waskowitz Environmental Leadership School
- AWSP’s Student Leadership Programs - challenging students to align with principles
- Lake Washington Watershed Internship program (mercer slough) - what college NGO HS program looks like - in terms of equity we need to pay kids for their work, every year they are more overcommitted than the year before (pressure, expectations) - these programs are about developing leaders and people who know how to navigate all of the demands of their time
- Tesla STEM school
- Duwamish Youth

CTE Framework for urban schools that could potentially really fit into this structure

4. Program Recommendations: Report and Discussion

EnvironMentors

- what main components are most successful for students to continue in the ESRM field post college? Across all demographic communities, the strongest determinants of going on to college fields: mentoring relationships, the extent to which the student was invested, and the overall cohort experience

What mentoring relationship was most impactful? Undergraduate, faculty, and undergraduate students as mentors

EERC HS Programming

- Supports UWB admission goals for local students matriculating into ESRM and STEM programs

Phasing

Year 1

- Support, coordinate, and amplify existing providers
- Roll out several high confidence, low risk high impact (=numbers served) community programs to engage and demonstrate success
• Build high school program, partnerships and funding
• Lay groundwork for core k-12 program offerings

Year 2
• K-12 program roll out = school day programs, afterschool and scout programs, summer camps
• High school program beta launch

Year 3
• Full scale programming and financial sustainability

How to appeal to public park users, in the environmental community in some fashion
   Ex: Junior Ranger Programs, specialized classes from alternative high schools, AP courses

5. Next Steps

Q: As we go out to talk to these people, all of them, what do you see as being the most unique and compelling things about what we are doing? What are the selling points?
• Connect people to the environment. The EERC gives us a place to store resources to help make that connection (spawning scopes, water testing kits, etc). Providing resources for community learning.
• It’s a great resource environmentally, and has the great potential to be catalyzed by it’s relationship with UW - in other words, you have the raw material, faculty and students who are engaged enough to realize the potential and themselves.
• There isn’t another one like this around here. The selling points is that there isn’t one like this around here (unique to state)
• Significant environmental opportunities at every level, k-12 and give them a sense of place
• Diversity of UWB students as educators breaks traditional profile of EE instructors

Q: What do you hope to need to see in April in a business plan?
• There will be a path of sustainability
• Staffing - what is your staffing model, how are you going to build staff, keep staff, etc
• Separate out the management of facility and the programming - you may have to have staff or you may have to have a program that’s already developed that you partner with. How do you keep it open/clean/functioning?
• What does the joint use agreement look like? Daylight problem/weekend challenge. Can someone on the advisory board contribute to this?
• Don’t forget local government and the initiatives and events going on throughout the city and throughout their parks
• Providing grants through programming (city/state)
• Cooperation with local businesses
• Revenue opportunities

Key dates ahead:

AC Meeting April -
PE Meeting April -

Adjourn