

**HMSC Academic Programs Committee**  
**Barry Fisher Room, Guin Library**  
**October 8, 2008, 2:00 – 3:30 PM**

**Meeting Minutes**

**Present:** George Boehlert, Bryan Black, Marc Johnson, Tom Hurst, Sally Hacker, Itchung Cheung, Susie Leslie, David Sampson, Janet Webster, Pat O'Connor

**Absent:** Michael Harte, Shawn Rowe

**Introductions**

**Review agenda**

**Brief Updates on HMSC Educational Activities**

- **Summer Internships (REU, COSEE Pacific Partnerships PRIME, HMSC VC, NOAA Holling): Boehlert**

*The 2008 summer marked the 5<sup>th</sup> year of the REU program. This summer 13 students were funded under NSF-REU grant, additional funding with CIOSS, CIMRS and NSF supplementals increased the student cohort to 22. 7 REU students from the 2007 summer cohort presented at the 2008 ASLO meeting. Two of our students walked away with an oral and a poster presentation award. In addition, 7 REU interns from this summer (2008) will be presenting at the 2008 AGU meeting and 4 others at the 2009ASLO meeting.*

*Jan Hodder is the COSEE Pacific Partnerships Principal PI a new 5 year grant partnering with OIMB. The program has a unique connection with Informal Science Education Institutions (ISEI) and Community Colleges. We [OIMB and HMSC) are the pilot with 3 additional institutions following in succeeding years, Western Washington, Humboldt State University and University of Hawaii. The PRIME internship this summer included 2 CC students and 1 CC faculty here. Other internships this summer at HMSC were the Visitor Center Education interns – 3, NOAA Holling interns – 2 and a PROMISE intern.*

*Voiced concerns:*

- *One of the NOAA interns had a mentor not at HMSC which is problematic. NOAA interns needed to be coordinated to be able to properly provide services. The biggest issue for interns is wireless access, which will be available in housing and in the Guin Library.*
  - *There isn't a comprehensive evaluation of all interns at HMSC. Can we adopt evaluation from the REU program evaluation?*
  - *It would be good to have a list of services and costs for mentors.*
  - *Challenges remain for recruiting underrepresented students, especially with Native American students.*
  - *International/Foreign students should be considered but there are restrictions to funding sources.*
- **Summer Program: Cheung**
    - 2008 recap – student numbers, courses,  
*Intro to Marine Biology, enrollment: 7*  
*Biology of Marine Mammals, enrollment: 9*  
*Aquatic Biological Invasions, enrollment: 5 dropped to 2*  
*GS199 Marine Science – Smile/Stars program: enrollment: 5*  
*-Suggest LSAMP funds to support GS 199 course*

*Eco and Adventure Tourism, cancelled*

*Understanding Free Choice Learning for Education and Outreach, enrollment: 5*

*Aquaculture and Aquarium Science, cancelled*

- 2009 program
  - *Suggest offering courses not regularly offered during the academic year*
  - *Interest in estuary course*
  - *Students are wanting to work or do research during the summer*
  - *How about targeting athletes. Student athlete schedules are erratic and they often need to make up their credit hour needs during the summer. Intensive course would be beneficial to them. Could market them to the athletic department (500 students?) as a baccore requirement for nonscience majors.*
  - *Bob Dziak teaches a Geology online course. How about a hybrid model for other courses here to meet the needs of students wanting to take courses at HMSC.*
  - *A wave energy course. OIT offering the first wave energy course at HMSC.*
  - *Consider courses for the regional IB students and ESL classes.*
  - *Foreign students can't take courses through OCCC, but OSU ESL students can take courses at HMSC.*
  
- **Fisheries & Wildlife Quarter: Sampson**

*CERM intensive week began the week before classes this year.*  
*Courses: HMSC seminar, Coastal Ecology & Resource Mgmt (CERM), Marine Mammals, Group Problem Solving (GPS) - Marine Team, Fishery Biology, Early Life History of Fishes, Marine Conservation Biology, Ecology of Coastal Fishes, Dynamics of Marine Biological Systems, Fisheries & Wildlife Seminar*
  
- **Marine Biology Quarter: Hacker**

*Very successful with 22 students (the max) this spring. Worse weather this spring. This spring cohort had a very skewed sex ratio of only 3 males and 19 females. Biology is starting to recruit for the course. We have a pretty good system. Biology 370 is the only requirement. Open to other students in FW, etc.*
  
- **Community College/OSU Classroom visits** – *Seeing an increase in CC courses wanting to use teaching facilities and housing. Chemeketa CC, Treasure Valley CC, Columbia Gorge CC, Portland State University.*

#### Educational Planning and Strategy

- Increasing awareness of HMSC educational programs: Cheung
  - Outreach & Recruitment – List of activities done for both

*Many OSU campus groups strategically targeted to increase HMSC Academic program exposure to students in Corvallis. HMSC has been quickly incorporated or folded into various student orientations and as part of any staff, faculty and student retreat. These orientations provide a lot of exposure to groups, student staff and extend to students on the main campus. Examples from the past 8 months: Orientations for the College Assistance Migrant Program (CAMP), COAS, F&W; FootSteps program; Student Ambassador retreats (Admissions, Housing, College of Agriculture, College of Forestry). The Guin library would like to be informed of large groups to be able to provide a more welcoming invitation/orientation. It is suggested that we have an HMSC/OSU Electronic bulletin board of events, which would be useful for promoting. The first phase of*

*HMSC 360° virtual tour was completed this summer. We are working towards incorporating it into OSU's larger 360° project of the Corvallis campus..*

- *Experiential Education Courses - BI/FW 111 – student enrollment numbers Winter quarter 20 students. Spring quarter 18 students. Considerable advertising for first course. Spring quarter advertising was word of mouth and email. Course has been well received by students especially in the UESP.*
- *Under-represented student recruitment – Attending SACNAS meeting to promote programs. Interest in connecting with MANNRS program.*
- **Off campus course funding model: Boehlert**  
*Handout- (appendix-6 from HMSC Strategic Plan) This funding model is intended to be not just an HMSC policy, but an OSU policy for other off campus locations such as, HJ Andrews Experimental Forest, Malheur County Extension Office, Astoria Seafood Lab, etc. Before leaving OSU, Mark Merikel was a proponent of this model. After leaving, Merikel's replacement suggested using the Extended campus model. This is not an option for reasons outlined in Appendix-6. We would like to know if the committee would validate it. Committee members are weary of hearing about it again and validate it. Students are already paying extra for courses at off campus sites i.e. double rent, giving up a job, etc. Using the Ecampus funding model for these courses doesn't make sense. In previous years, we've given financial support for students to take courses at HMSC. Unanimous approval of this funding model as outlined in Appendix-6 by committee. Don't go with Extended campus model.*
- **Blend courses Extended Campus in Marine Science: Boehlert** – Chapman, Sumich, Cheung; *responding to the summer session RFP for these courses.*
- **MRM update: Harte** – email: *There is a new graduate certification in fisheries management and in MRM. These are now official. Both of these have great potential for blended courses at HMSC over summer.*
- **OCCC update: O'Connor** – *new building done by spring 2009. First courses in the fall 2009. Current courses at HMSC are: Introduction to Aquarium Science, Biology of Captive Fish, Life Support System Design and Operation, General Biology. Suggestion to explore an ATE program in renewable energy at OCCC, a 2 year technician program.*
- **HMSC Ed facilities: Cheung** – *completion of new Distance Education System in ED 34 and Visitor Center auditorium recommended by campus Media Services to meet the current substantial and growing demand by students and instructors.*

## **Other**

### **Weekend course discussion -**

*Course is unique and great (SH). To deter students taking the same course every year, offer the course with a designated course number. Recommend pursuing a designated course number for each, 111 (marine mammals), 112 (marine habitats) and 113 (marine birds). Students can choose to take 3 credits over a 1 year period. These 1-credit courses create interest in the various marine science majors at OSU for undecided majors and provide specific ocean literacy to non science majors. Need to report/follow up in Banner of where USEP students are after taking the course last Winter and Spring (GB).*

**HsO: Marc Johnson** – *HsO Reading group needs to be larger. What carrots or incentives can we do to get students to participate? Suggest a 1 credit seminar. ZOO 507 does this. Faculty decide on what the topic will be and students run them as reading groups. Students learn about metaanalysis*

*and other themes across disciplines, but students do the teaching. A blanket number course can be requested or used again such as – HMSC seminar 507. Need to identify faculty to do it.*