Department Meeting Minutes October 24, 2013

In Attendance: Alison Chamberlain, Cindy Anderson, David Mirman, Craig Petersen, Tim Revell, Jennifer MacDonald, Chris Briggs, Cindy Shannon, Melissa Presch, Carmen Rexach, Frances Borella, Deidre Vail, Virginia Pascoe, Naomi Velarde-Jang, Mark Cooper, Beta Meyer, Betsy Lawlor

Absent: Loni Nguyen, Karyn Kakiba-Russell, Sarah Scott, Janine Kido, Sherry Schmidt, Lynda Hoggan, Carola Wright (on leave)

Frances: Congratulations on the publication of her poem: “Rite of Passage”, published in Invisible Memoirs, Memoir Journal, Vol. 2 p 68, 2013. Her reading of this moving poem was an awesome way to begin a meeting!

Betsy: will be enrolling in a MOOC (Massive Open Online Content) course entitled “Human Evolution, Past and Future” offered by renown anthropologist John Hawks. Class begins this January!

Deidre reported that Tina Clippinger (Larry’s significant other) was in a serious horse riding accident on Aug. 19th. She is recovering at home with Larry by her side. All department members present sent messages of good wishes in cards provided by the Sunshine fund.

Lynda provided flyers for her film about smoking, Parallel existence: How Smoking Ultimately Wins, to be presented on Nov. 12th. Faculty are encouraged to send their students to view this poignant film.

Tim reported on his son’s budding athletic career

1. **Bio 25 course outline changes, AA Liberal Arts concentration Natural Sciences degree change by David for Sherry**

   Desired outcome: dept votes on proposed changes and gives feedback to Sherry

   List of changes to the course outline (Agfr 20)
   - Topical outline essentially the same
   - Change pre-req from Engl 67 to Engl 68 (eligible for 1A).
   - Change name from Conservation of Natural Resources to Conservation Biology (if articulation is not harmed).
   - Some course measurable objectives changed
   - Removed annotated bibliography assignment

   The department expressed no concerns for these changes: all but one approved of the course changes

   The department unanimously approved of adding Bio 25 to the list of approved courses for AA Liberal Arts emphasis in Natural Sciences

2. **AA Liberal Arts concentration in Social and Behavioral Sciences by David**

   Desired outcome: dept decides whether or not to amend the list of courses accepted for this degree

   List of courses currently accepted for AA Liberal Arts emphasis in Social and Behavioral Sciences to meet “Biology as it relates to behavior or society” requirement:
   - Anth 1 Biological Anthropology
• Bio 6 Humans and the Environment
• Bio 17 Neurobiology and behavior
• Bio 34 Fundamentals of Genetics
• Psych 1B Biological Psychology

It is unknown where this list of courses came from. List is open to amendment. Proposed courses to add to the list include (but are not limited to):

Bio 3, Bio 1, Bio 15, Bio 24

We need to find out who generated this list, the intention of this list, and the criteria for approval of courses that are added to this list. If we propose any changes, a task force will have to be formed. The department tabled this discussion until we find out more information.

There was no objection to approving a current paralegal student to count Bio 1 as part of this degree.

3. Instructional equipment prioritization by David
Desired outcome: dept generates a prioritized list of instructional equipment needs

<p>| Unprioritized List of Biology Department Equipment Needs |
|-----------------------------------------------|---------------------------------|-------------------|-----------------|</p>
<table>
<thead>
<tr>
<th>Discipline/Course</th>
<th>Contact Person(s)</th>
<th>Equipment Needs</th>
<th>Cost (with shipping and tax)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bio1</td>
<td>Tim</td>
<td>3 female articulated skeletons</td>
<td>$4,587.84</td>
</tr>
<tr>
<td>Marine Bio/Bio2</td>
<td>Tim/Janine/Sherry</td>
<td>1. 3 Plastinated Sharks 2. 11 Skulls for the museums (Bio2)</td>
<td>$2,771 $8725</td>
</tr>
<tr>
<td>Anthropology</td>
<td>Betsy</td>
<td>Storage Shed for WLS (10' X 12') Tough shed</td>
<td>$2210 (includes set up)</td>
</tr>
<tr>
<td>Anatomy 10A</td>
<td>Beta</td>
<td>2-3 Plastinated cats</td>
<td>$6,000</td>
</tr>
<tr>
<td>Anatomy 35</td>
<td>Carmen</td>
<td>1. Duchenne Skull 2. 4 privacy screens</td>
<td>$16,000 $494</td>
</tr>
<tr>
<td>Anatomy 40A</td>
<td>Carmen</td>
<td>1. 2 gurneys 2. Bone saw 3. IPAD with Retinal Display (with dissector) 4. 2 Surgical Lights</td>
<td>$4,353.46 $1,334.75 $3,000 $3,000</td>
</tr>
<tr>
<td>Histotechnology</td>
<td>Jennifer</td>
<td>Slide Printer</td>
<td>$11,650</td>
</tr>
<tr>
<td>Physiology</td>
<td>Alison</td>
<td>1. Upgrade BioPac (16) 2. PhysioEx</td>
<td>$30,000 (Vernier) to $114,000 (BioPac) $500</td>
</tr>
<tr>
<td>Technical Support</td>
<td>Naomi</td>
<td>2 Water Baths</td>
<td>$1,800</td>
</tr>
</tbody>
</table>
David proposes that we use $900 of the $10,000 increase in supply budget to purchase 1 water bath for the techs.

- ANAT 10B/36 desperate need to upgrade Biopac Equipment. Everything is currently mismatched causing major problems in usage of the existing equipment leading to major repair costs. The question was raised if there is another funding avenue for the ANAT 10B/36 equipment (STEM?)
- The purchase of 3 female articulated skeletons for Bio1 is a one time purchase, impacting 2,200 students per year
- Slide printer for the HT Program would match industry equipment, allowing students to learn current techniques and instrumentation
- Anthro will store many items used for the Mammoth Hunt in the proposed shed. This is needed by 2015.
- ANAT 40 needs 2 gurneys; one to take the special project cadaver off the sink and one for safe transfer of cadavers when returning one and procuring another.
- A new bone saw is needed because the bone saw that we currently have is unsafe to use
- IPADs are needed to use an online dissector that can be customized
- Space heater for the cadaver lab is $50, if temperature control is not an issue, then we can buy this through the supply budget.
- All equipment needed for ANAT 40 will also benefit ANAT 35
- Another option to purchase of portable privacy curtains is to install permanent curtains with a curved rail. There may be a vendor for these on campus since there is a nursing program and health center on campus. Jennifer may be able to get information from mopec for the supplies and equipment needed for installation. We will try to get these curtains through a Mt. SAC work order to the college carpenters or purchase the permanent curtains through the supply budget.
- The library may be able to purchase the Bergey’s Manual and keep it at the reserve desk in the library
- Geldoc would replace taking photos of gels through a UV filter, of less than desirable quality, and improve students ability to analyze data
- The Spectrophotometer would improve detection and analysis of DNA in Micro1, genetics, and ANAT 10B
- Many skulls needed for the museums and Bio2 are under $500 and have been purchased 1 at a time through the supply budget. There are 11 skulls needed, 9 of which cost more than $500
- PhysioEX may be purchased through the Division budget. Alison will talk to Matt.

David will list priority and look for natural breaks in the list.

4. Visitors from Brazil.

Dr. Andre Davim will be visiting on Nov. 19-26 with 6 female students. The Natural Sciences Division may approve a van for the tourists transportation during their visit. Carmen will need help on Wednesday, Nov. 20, to entertain the guests. Is anyone available to take them on tours of the Sanctuary, Exploratorium, observatory, Meek, etc? Carmen has to take her parents to the airport in the morning and will get to campus about 11am. The guests should arrive on campus between 9 and 10am. She will be organizing other campus tours as well, but wants to check first with department members and schedule around our availability. There is a busy schedule during their visit. On Monday, Nov. 25, Dr. Davim will give his talk at 10am in the Design Technology Auditorium. Faculty are encouraged to bring their students to hear Dr. Davim speak. The Brazilians will be leaving on Nov. 26th.
Carmen also announced the schedule of section meetings for caduceus club this semester.

5. Academic senate report by Senator Revell
   Desired outcomes: dept is informed of the meeting and has their questions answered.

   The senate report was emailed to the department by Tim. He needs feedback on AP 5011. The senate wants to change AP 5011 (already ongoing) to increase the range of ages from 10-12 graders to K-12 graders as long as these students have meet certain criteria. This would bring us to compliance per education code. Each department will have to decide which courses should be restricted from minors. Several concerns were raised by department members including young children enrolled in Human Sexuality or field trips. A revision is coming out next week the writing of this AP needs to be improved.
   The department will leave Tim with the responsibility to vote for us.

   SB 520: The Student Instruction: California Online Student Incentive Grant Programs. This is basically a clearinghouse of courses (MOOCs). There is no information on this and no vote yet.

   A Bachelor’s Degree task force has been formed that may have significant impact on Mt. SAC.

   Academic Senate Goals: The formation of a taskforce to look into +/- grading was added to the senate goals that were previously listed.

6. Faculty Association report by FA Representative Kakiba-Russell
   Desired outcome: dept is informed of the meeting and has their questions answered.

   Tim: Some of campus security is now carrying guns. Tim would like to bring up the fact that we were not informed about this at Faculty Association.

7. Review of commitments made
   David: Needs to find out about the lists of courses

8. Announcements and events
   • Next department meeting Nov 21, food by Mark and Craig