Department of Natural Sciences  
Minutes for the February 17, 2012 Meeting

Present: Jan Chouljian, Joe Ciotti, Letty Colmenares, Lisa Hayashi, Toshi Ikagawa, Dave Krupp, Ross Langston, Floyd McCoy, Dave Ringuette, Inge White.

1. Science Olympiad and DOE Science Fair Dave K. said the Science Olympiad was a success and he is appreciative of the help and support from the department faculty and staff. He said there were dual Science Fair and Science Olympiad winners. He asked if the faculty could form a Science Olympiad department committee and someone could take the lead. He mentioned the leadership may involve participation in a workshop in Arizona. Inge suggested rotating the coordinator position for this committee. She also mentioned having a survey to measure success of the science fair students who participated in the open house for the science fair students on Friday.

2. PBC Request Rating Inge asked for feedback from the full-time faculty via e-mail by tomorrow ranking the list of items that Natural Sciences Department is requesting through PBC. She said Letty's proposal of $6000 for chemistry tutoring may be funded via Title III but since Letty hasn't heard officially about this Letty asked that her request remain on the list. Lisa said that Vice-Chancellor Brian Richardson is finding out if the wiring of the flammable refrigerator can be done internally. Lisa will find out where the refrigerator will be located.
Inge said Erin Mattos Harrell will be ready with the departmental budget very soon.

3. Budget Restriction Inge said at yesterday's VCAC meeting Vice-Chancellor Richard Fulton said Chancellor Doug Dykstra requested that VC Fulton inform the VCAC members to remind everyone to turn off the lights when leaving classrooms and offices to conserve on energy. Inge said she learned we cannot spend any more money on new equipment; however, replacement equipment purchases, safety and health related purchases, supplies purchases are okay. The reason for the restriction is due to a major shortfall in the electricity budget because of HECO's unanticipated increase in their rates.

4. Department Annual Report 2011-2012 Inge said there will be one annual report, but it will have separate data for summer and the fall/spring semesters. She said the data for Summer 2011 will be done soon and the data from the previous academic year will be done by June-July of every year.

5. AA Degree Task Force Dave K. said there are several motions for the departments to vote on. Most departments have already voted and approved these motions. The main questions for this task force have been 1) determining what our AA SLOs will be; 2) what the AA degree mission statement will be; 3) revision of the AA degree SLOs to add global and cultural awareness. Dave K. said there is a plan in the near future to follow the Lumina Foundation Degree Qualifications Profile that ties in expectations of what students should know and be able to do once they earn their degrees.
Dave K. said the AA degree learning outcomes are the same as the general education learning outcomes except civic learning was missing so the task force is looking at adding global and cultural awareness to address this issue.
The voting results for the various motions are as follows:

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<thead>
<tr>
<th>Motion</th>
<th># Ayes</th>
<th># Nos</th>
<th># Abstentions</th>
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<tr>
<td>1. Motion: Windward’s AA degree SLOs will be the same as the SLOs of</td>
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<td>its Gen Ed SLOs with the addition of a statement on Civic Learning.</td>
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<td>2. Motion: The AA degree mission statement for Windward will be</td>
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<td>“The Associate in Arts degree is a two-year transfer liberal</td>
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arts degree consisting of at least 60 semester credits at the
100 and 200 levels with which students enhance basic tools
of inquiry for understanding themselves and the world
around them, develop their capacity to expand and apply
knowledge, and cultivate more creative and meaningful
lives.”

The statement in Motion 2 is acceptable as a "description"
of the AA degree and not as the mission statement.

3. Motion: The AA degree SLOs will be the following
(note addition to Global and Cultural Awareness outcome
option #4):
Global and Cultural Awareness: Develop the ability to
perceive how people interact with their cultural and natural
environments, through their own worldview and through the
worldviews of others, in order to analyze how individuals
and groups function in local and global contexts.

6. Lecturers Inge said there is a form that all lecturers who will be teaching in the summer must apply
for the summer teaching positions. 2012 federal regulations require that temporary positions for summer
will have to be advertised for 3 days. Lecturers who are already teaching for us will only have to fill out
and submit a few forms and not the complete packet.

7. ATP for AS Degree in Natural Sciences Inge said the ATP for the AS Degree in Natural Sciences
has been sent to the UH-System. She said Dean Brian Richardson is in charge of writing the ATP and
will submit it soon.

8. Faculty Senate Ross said next Thursday, February 23, 2012, the program proposal for an AS Degree
in Veterinary Technology is on the agenda for approval at the Board of Regents meeting at WCC. This
proposal includes laboratory fees. He said the internal blueprints for the veterinary program space has
been finalized and they are now working on the elevation studies. Ross said they are waiting for
Chancellor Dykstra's approval of the candidates selected for the two veterinary program positions.

9. CA in Agripharmatech (track 1: Plant Biotechnology; track 2: Ethnopharmacognosy) Inge said
the proposal for the CA in Agripharmatech sent to CCAO has been revised several times. She said her
proposal for this will be put on next month's BOR agenda. If it is approved, Inge said the CA will be
offered in the fall semester.

10. CC in Sustainability Dave R. said the CC in Sustainability will include IS 201, a plant science
course, aquaponics, a business course, an enterprise course, and an energy course.

11. Nomination of A New NS Department Chairperson Inge asked for nomination(s) for a new NS
Department chairperson for 2012-2014. Letty Colmenares was nominated and unanimously approved as
the new NS Department Chairperson for 2012-2014.

12. CCAAC and AG 170 Dave K. said CCAAC passed the planning of the AS Degree in Natural
Sciences. He said CHEM 273-273L has been approved with minor modifications. Dave K. also said
some science course components have been added to the AA Degree in Hawaiian Studies and a business
course was approved with modifications in support of the planned sustainable agriculture certificate.
Dave R. asked that the full-time faculty sign his proposal for the AG 170 Aquaponics course. He said if
you cannot sign at this time it can wait until the next meeting. He said C3T funds will be used for
utilizing ponds by Hale 'Iolani. Ross asked that Dave R. be aware that IUCUC is now charging for inspections and to include that in the budget. Ross also mentioned that ZOOL 254 course is proposing a name change to Essentials of Exercise for Life and a description change for the course.

13. **Faculty Senate** Floyd said Vice-President John Morton's office has planned a matriculation fee for transcripts for the community college system. For a one-time fee of $25 students will get 1 diploma and copies of their transcripts for free. A question was asked if the planned AS Degree in Natural Sciences is a common degree among the community colleges or different depending on the college. Dave K. said he would like the faculty to edit LCC's AS Degree.

The outcome of the voting/input regarding how courses are inputted into an online schedule: the most popular is the department chair organizes the schedule for the entire department and then all department chairs sit with each other and the deans to submit the schedule. Inge said to follow Dean Richardson's recent e-mail on this matter.

There is a task force assembling to sit with Ke Kumu Pali to document how native Hawaiian courses will be implemented for the Hawaiian Studies program. The task force is asking for general faculty to be on this committee. There already are Native Hawaiian members selected to the task force.

14. **IEC** Inge said the IEC talked about the AA Degree Task Force, the alignment of courses, and future faculty and general education workshops on March 9 (Closing the Loop) and March 16 (Raising the Bar).

15. **WAB** Marv not present, no report. Inge mentioned there will be a Writing Across the Curriculum+ Summer Institute.

16. **Announcements:**
Toshi-Kagawa Junior College, WCC's sister college, will be visiting WCC February 27-29, 2012. On February 29 the Kagawa students will sing/perform at the Paliku Theatre.

Inge-This year's WILD Day is scheduled for Friday, March 2, 2012. In the morning there will be workshops including assessment workshops. In the afternoon there will be on-campus tours.

Inge-At one of the two DOE resource teachers’ workshops Joe gave information of our STEM courses. Four faculty (Toshi, Inge, Joe, Letty) will be hosting these teachers at an all-day workshop on Monday, March 5, 2012. Toshi will be demonstrating/discussing GIS, Inge will talk about her Plant Biotech Program, Joe will talk about the Imaginarium and Lanihuli Observatory along with research opportunities in meteorology and astronomy, and Letty will discuss the Pre-Engineering Program.

Respectfully submitted by Lisa Hayashi; edited by Inge White