

**BIOLOGY CLUSTER MINUTES**

**October 15, 2014**

**1:15-4:00pm**

**Lake Worth Campus**

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**ITEM 1. General Natural Science Cluster meeting in NS 129 from 1:15 to 1:50 PM**

1. Professor Pannozzo talked about her participation in the *National Land Conservation Conference* in Rhode Island, September 18-20.
2. Professor Fairbanks requested and obtained a clarification regarding E-books and other digital media for approved textbooks. When a textbook is adopted, the e-book is also adopted as a different version or option for students. The ancillary materials such as electronic test banks, videos, digital media, and publisher websites are available for use but not required unless specifically stated by the cluster.
3. Lake Worth Academic Dean Berkowitz made a presentation on academic freedom and its limits.
4. Profs. Latsy Best and Wawiese Schmidt brought up concerns they have regarding the offering of OCE 1001 as a Study Abroad course. (Their concerns were discussed in detail in the Physics Cluster after the GNSC meeting and the Physics Cluster meeting minutes will reflect that discussion and a recommendation to be brought up to the Study Abroad Committee.)

**ITEM 2. Academic Dishonesty Sub Committee Report**

Discussion: Professor Ammons presented the recommendations of the sub-committee regarding a policy concerning academic dishonesty. The members of the committee were Profs. Ammons, Allen, Duncombe and O'Malley

Data/data source: See attached documents. The committee recommended utilizing 3 new items as our cluster's approach to academic dishonesty. Our cluster will advise students of the policy with form #2, use form #1 as a guide to sanctions and use form #3 to report and track the violation(s).

1. Sanctioning Guidelines/Rubric for violations of academic integrity – from Penn State
2. An academic dishonesty policy to be included in the student handbook; it is #1 without the rubric
3. Report of Violation Form

Action: The cluster voted unanimously to utilize these documents for reporting and sanctions. Submit the above to Academic Affairs for their consideration.

### **ITEM 3. Lab & Lecture Co-enrollment Policy – report on vote**

Discussion: At our last meeting, Dr. Carlos Ramos reviewed the procedures used in the past and what our current policy is. Proposals 1, 2, & 3 were sent to the cluster and a vote was taken by e-mail ending September 9/26/201, and the results tallied.

The 3 proposals were as follows:

**Proposal 1** - Leave the policy as it is currently stated since Fall 2014 in the Academic Management Manual:

*In a lecture science course where there is required co-requisite lab, students may withdraw from the lab class, but stay in the lecture class (students may also choose to withdraw from both.) Students will not be allowed to withdraw from the lecture and remain enrolled in the lab.*

Note: This policy does not require students to present a case to support a request for withdrawing from the lab. Therefore, the implementation of the policy is similar to what was implemented in Fall 2010 at the Lake Worth campus.

**Proposal 2** – Change the policy to allow no possibility of selective withdrawals:

*In a lecture science course where there is a required co-requisite lab, students cannot withdraw from the lecture or the lab class selectively.*

**Proposal 3** -- Change the co-requisite requirements so withdrawals are permissible.

*The science labs have lecture classes as pre-requisite or co-requisite. Students can take the lab after passing the science lecture, or they can take the lab together with the lecture. If they take them together, they can withdraw from the lab if they want to, but they cannot withdraw from the lecture while staying in the lab.*

Note: The students must pass both lecture and lab classes in order to take the next level of lecture and lab

Data/data source: Proposal #3 received 85% of the vote, Proposal #1 came in second place with 64%, and Proposal #2 in third with 49% of the vote.

Action: Dr. Ramos has submitted these results to Dean Berkowitz who will present the results to the Academic Dean's Council for their consideration.

#### **ITEM 4. BSC1010 & BSC1011 – Campbell text – chapter split**

Discussion: A sub-committee will meet to address this issue and report back in the spring. They will determine the placement of the chapters on evolution and to possibly revise the course learning outcomes.

Action: Sub-committee members are:

Archie Ammons  
Tod Fairbanks  
Wendy Hartman  
Ray Pacovsky  
Clyde Wilkins

#### **OTHER.**

1. **Biotechnology** – Prof. Mercer presented new course descriptions to the cluster for: BSC2421; BSC2421L, BSC2420, BSC2420L, BSC2427, BSC2427L; she explained that the new descriptions more accurately describe the content covered in each lab and lecture. The cluster voted unanimously to approve the new descriptions.
2. **Textbook Selection Committees:**  
There are 3 textbooks up for review and 3 committees were formed. Those committees will report at the spring cluster as to their recommendations for a text.

##### **BSC1005 –**

**Chair:** Wendy Hartman  
Jessica Miles  
Pam Pannozzo  
Yelena Rudayeva  
Wawaise Schmidt

##### **BSC1011Lab –**

**Chair:** Ray Pacovsky  
Archie Ammons  
Tod Fairbanks  
Pam Pannozzo

##### **BSC2421 –**

**Chair:** Tod Fairbanks  
Hernan Aviles

3. **Biofuels** – Prof. Gharti-Chetri - The question was raised as to revising the curriculum and textbook for the biofuels course. The cluster directed him to meet with Associate Dean Ramos for guidance.

## TEXTBOOK ADOPTIONS – LISTINGS

### TEXTBOOK ADOPTIONS for the Academic Year – **2014-2015**

Yellow highlights indicate the new selections to be voted upon at next year's Cluster meeting (spring of 2015.)

**BSC1005 - "What is Life? A Guide to Biology", 2nd Ed.**

Author: Phelan

Publisher: W.H. Freeman

First year adopted: 2012-13

**BSC1005L - "Biology for Non-Majors", 2008**

Author: Horwitz

Publisher: Kendall-Hunt Pub

First year adopted: 2014-15

**BSC1010/1011 – "Campbell Biology", 10<sup>th</sup> Ed.**

Reece, Urry, Cain, Wasserman, Minorsky & Jackson

Publisher: Pearson

Note: Check with your publisher's rep if your campus wants to also order the soft cover version separately for Bio 1 and Bio 2. .

First year adopted: 2014-15

**BSC1010L – "Experiments in General Biology 1", 3<sup>rd</sup> Ed.**

Author: Hartman

Publisher: Hayden-McNeil

First year adopted: 2014-15

**BSC1011L – "Principles of Biology II Laboratory Manual", 1<sup>st</sup> Ed.**

Authors: Pannozzo and Horwitz

Publisher: McGraw-Hill

First year adopted: 2012-13

**EVR1001 (BSC1050 previously) - "Visualizing Environmental Science" 4<sup>th</sup> Ed.**

Authors: Hassenzahl, Hager, Berg;

Publisher: Wiley

First year adopted: 2014-15

**BSC2085/86 – "The Unity of Form and Function", 7<sup>th</sup> Ed.**

Author: Saladin

Publisher: McGraw-Hill

First year adopted: 2014-15

**BSC2085/86Labs – "Anatomy & Physiology Lab Manual" 6<sup>th</sup> Ed**

Author: Ramsammy

Publisher: McGraw-Hill

First year adopted: 2014-15

**BSC2421 – "Biotechnology Fundamentals"**

Author: Khan, Firdos A.

Publisher: CRC Press

First year adopted: 2012-13

**MCB2010 – "Foundations in Microbiology", 8<sup>th</sup> Ed.**

Author: Talaro

Publisher: McGraw-Hill

\*First year adopted: 2013-2014

**2010-2011 MCB2010L – "Micro Laboratory Theory and Application", 3<sup>rd</sup> Ed.**

Author: Leboffe and Pierce (Custom for PBS)

Publisher: Morton Publishing

First year adopted: 2013-2014

Attendance (\* indicates absence) ALL PRESENT

Last Name	First Name/ Init	Title	Discipline	Campus	MS
Allen (scribe)	Carolyn	Prof.	Biology	BR	44
Ammons	Archie W	Dr.	Biology	BR	44
Arango-Jaramillo	Silvio	Dr.	Biology/ Bio Tech	PBG	45
Aviles	Hernan	Dr.	Biology	LW	56
Best	Latsy	Prof.	Biology	PBG	45
Brecker*	Edward	Dr.	Biology	LW	56
Chandramohan	Sankaranarayana	Dr.	Biology	LW	43
Christensen*	Cheryl	Dr.	Biology	BR	44
Duncombe (chair)	Tcherina	Prof.	Biology	LW	56
Fairbanks	Tod	Dr.	Biology/ Bio Tech	PBG	45
Gharti-Chhetri	Gokarna	Dr.	Biology	PBG	45
Gorgevska	Alexandra	Dr.	Bio Tech/ Natural Science & Chemistry	PBG	45
Hartman	Wendy	Prof.	Biology	LW	56
Horwitz	James	Prof.	Biology	LW	56
Liang	Lee	Dr.	Biology	LW	56
Mercer	Becky	Dr.	Biotechnology	PBG	45
Miles	Jessica	Dr.	Environmental Everglades Wtr Proj	PBG	45
Mkpong	Offiong	Dr.	Biology	BR	44
O'Malley	Chasity	Dr.	Biology	BR	44
Pacovsky	Raymond	Dr.	Biology/Env./ Bio Tech	PBG	45
Pannozzo	Pamela	Prof.	Biology	LW	56
Ray	Charlie	Dr.	Biology	PBG	45
Rogers	George	Dr.	Horticulture/Env.	PBG	45
Rudayeva	Yelena	Dr.	Biology	LW	56
Stashenko	Vetaley	Dr.	Biology	BG	43
Schmidt	Wawaise	Prof.	Biology/Physical Science	PGB	45
Wilkins	Clyde	Dr.	Biology	PBG	45

Submitted by:  
 Carolyn Allen, Scribe