

BIOLOGY CLUSTER AGENDA/MINUTES  
Thursday 3-22-12  
1:00 – 4:00 p.m.  
Lake Worth Campus

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**ITEM 1. Natural Science & Social Science Clusters Only**

From District:

Opentex is an initiative to provide open source free textbooks for college classes.

The first five titles to be released in the next year are:

1. Physics 2. Sociology 3. Biology 4. Concepts of Biology 5. Anatomy & Physiology.

Please indicate if the cluster is interested in examining these textbooks for adoption. You may join the organization at [openstaxcollege.org](http://openstaxcollege.org). The books are peer-reviewed and backed by top of the line supporting materials. This initiative has the potential to save students thousands of dollars.

**Discussion** ensued about free e-books and e-books from the publishers.

**Action:** The cluster will explore and evaluate the biology and A&P e-books as they become available for review. Our cluster acknowledges that e-books are available for a cost through the publishers we are using now and will continue to examine those options. It was also mentioned that because e-books require each student to have an e-reader or computer it is not always possible for some students to use this method of textbook access.

**ITEM 2. Campus Student Convocations Fall Term–**

From District: The FYE department requests faculty participation at the campus student convocations that will be held on Friday, September 7. Faculty will be part of the procession and will wear their graduation regalia. The FYE department understands that this event is not a contractual event but it is a great opportunity to welcome our new incoming freshman students.

**Discussion:** The convocation was explained to the cluster and the idea was met with a positive reaction. The biology faculty will make an effort to attend.

**ITEM 3. Cluster Chair and Scribe Elections-**

From District: Both the Cluster Chair, Tod Fairbanks and Scribe Carolyn Allen were unanimously re-elected.

**ITEM 4. MCB2010L - Update**

See minutes from the subcommittee that met on 1-4-12. Note that the request to increase the number of hours for the MCB2010Lab was denied by the Dean's Committee and was therefore never put before the curriculum committee for a vote. Note the new lab procedures, which were agreed upon by the committee. Fall sections of MCB2010Lab may have a Blackboard website loaded (use a WC designator). Please see your department chair for scheduling (and placing a WC designator on the course in PantherWeb) and then contact Carolyn Allen to let her know you wish a copy of the site once it is updated for Bb9.1. Carolyn Allen will work with E-Learning to load the empty shells with the revised MCB2010Lab website. It can be modified thereafter as each instructor sees fit. The course itself is already a certified website, so the instructor utilizing the website does not have to be certified. Instructors should have some knowledge of how to use Bb, however.

With Sid Beitler's permission, this is a copy of an e-mail from him (E-Learning) regarding the use of an already certified website. Be sure to note that the last items refer to the use of an ONLINE class website. Our MCB2010L is only a component website. A PantherWeb designator of WC needs to be in place BEFORE REGISTRATION BEGINS IN JULY or the faculty member will not receive a Blackboard shell.

*Original Message-----*

*From: Beitler, Sidney*

*Sent: Friday, March 23, 2012 1:12 PM*

*To: Allen, Carolyn*

*Subject: RE: is this correct?*

*If a faculty member donates a copy of a certified course to any other faculty member, that faculty will be auto-certified to utilize that copy of the donated certified course for instruction.*

*eLearning needs to receive:*

- 1) A short form granting the use of the course from the donating faculty member.*
- 2) Notification of the name of the new faculty member so PN certification can be updated with the new faculty's name.*
- 3) Name/ref. number of course to copy (certified donated site) and ref. number of course to be taught by the new faculty member (this info is requested in the form in step 1). eLearning will copy the granted section into the new faculty's course site and make it ready for instruction.*
- 4) The new faculty member does not have to participate in any workshops in order to be certified by eLearning; however, the department supervisor assigning the new faculty to the new online course must ensure that the new faculty member knows how to use Bb for instruction and understands the basics of online course delivery principles. If a determination is made that the faculty is new to Bb and/or to online teaching, it is the responsibility of the department's supervisor to ensure the new faculty member participates in the 'Basics of Bb Workshop' prior to making course assignment (otherwise the faculty will not have the skills to instruct the course). It is highly recommended a mentor is assigned to any first time online delivery instructors and/or the course is closely observed by the supervisor. eLearning will provide the mentor/supervisor access to the course.*

End of e-mail.

## **ITEM 5. Textbook Selection Votes:**

### **Review of the Process for selection:**

1. Faculty who wish to vote on a text selection must be credentialed to teach the course and actually teach the course sometime during the year.
2. Faculty will sign up for the textbook review committee if they wish to vote on the text selection.
3. Majority vote of committee members decides the outcome of the textbook selection and in the case of a tie vote, the Cluster Chair will cast the deciding vote.
4. The Cluster agrees with this process.

The following textbooks are now adopted by the cluster and the new adoptions will commence in the Fall of 2012. The votes for adopted texts are as follows:

### **BSC1005 – Lecture text -**

Chair: Tcherina Duncombe

**ADOPTED:** "What is Life? A Guide to Biology", 2nd Ed. – see listing below for ISBN

### **BSC1011L - Lab Manual -**

Chair: Jim Horwitz

**ADOPTED:** “Principles of Biology II Laboratory Manual”, 1<sup>st</sup> Ed. – see listing below for ISBN

### **BSC2421 - Lecture text-**

Chair: Tod Fairbanks

**ADOPTED:** “Biotechnology Fundamentals” by Firdos Khan, 1<sup>st</sup> Ed. – see listing below for ISBN

### **BSC2085 & 2086 - Adopted as a required study guide;**

Chair: Chris Colombo

**ADOPTED:** “Study Guide for Anatomy & Physiology”, 4<sup>th</sup> Ed. – see listing below for ISBN

### **BSC1050 - Lab Manual**

Not reviewing – course not currently on schedule and has not been offered for several years, so no review planned for a new textbook

**MCB2010** – Continue using the 7<sup>th</sup> edition of Talaro, but the publisher will reprint in a soft cover to allow us to continue to use the same text for our third year. Contact your publisher’s rep. for the new ISBN.

## **Item 6. Other.**

### 1. Chairperson’s comments on:

- Ethics – all public employees are under an increased level of ethics scrutiny
- BSC1010-1011 grading (Cluster Chair will discuss removing BSC1010 as a general education course with Kathy Gamble)
- Adjuncts following curricula in BSC1010 – it has come to the Cluster Chair’s attention that some adjuncts teaching BSC1010 lecture are not following the course outline, which then leaves information gaps for the students entering BSC1011
- Microbiology (MCB3020) requirements versus MCB2010 – faculty should be reminded that MCB2010 is for health professions and will not transfer to many of the Florida universities as a microbiology course to satisfy biology majors, pre-meds, etc.
- UF Microbiology course - for counseling purposes be aware that UF offers an online microbiology lecture course with on-site labs at Miami-Dade and Indian River colleges
- FAU Genetics course - FAU started offering a new section of their required for biology majors genetics course on the Jupiter campus this semester

2. Brad Weissman – Working with the Quantum Grant – K-12 system – This grant works to align the K-12 system biology with what we are teaching here; our cluster is asked for input about areas that need emphasis – Brad will send out an e-mail asking for feedback on this issue.

3. Carlos Ramos proposed that we consider the decoupling of lecture and labs in BSC2085 and BSC2085L. Students must still take the lecture before taking the lab, or concurrently. The cluster voted unanimously to uncouple just BSC2085 lab and lecture beginning for fall term 2012. We will observe the results for a year and then revisit the decision in the spring term of 2013.

## TEXTBOOK ADOPTIONS – LISTINGS

TEXTBOOK ADOPTIONS for the Academic Year - 2012-2013.

Yellow highlights indicate the new selections to be voted upon at next year's Cluster meeting (spring of 2013). Committee formation will occur at the fall cluster meeting.)

BSC1005 - "What is Life? A Guide to Biology", 2nd Ed. **ISBN: 978-1-4641-0244-8**  
Author: Phelan Publisher: W.H. Freeman  
First year adopted: 2012-13

BSC1005L - "Concepts in Biology Lab Manual", 2nd Ed **ISBN: 1581754809**  
Author: Horwitz Publisher: Outernet Publishing  
First year adopted: 2011-12

BSC1010/1011 – "Biology", 2<sup>nd</sup> Ed. **ISBN: 9780073532215**  
Authors: Brooker, Widmaier, Graham, Stiling Publisher: McGraw-Hill  
Note: Check with your publisher's rep if you your campus wants to also order the soft cover version separately for Bio 1 and Bio 2. .  
First year adopted: 2011-12

BSC1010L – Experiments in General Biology 1 **ISBN: 9780738053028**  
Author: Hartman Publisher: Hayden-McNeil Publishing  
First year adopted: 2011-12

BSC1011L – "Principles of Biology II Laboratory Manual", 1<sup>st</sup> Ed. **ISBN: 9780697786340**  
Authors: Pannozzo and Horwitz Publisher: McGraw-Hill  
First year adopted: 2012-13

BSC1050 - "Principles of Environmental Conservation" 6<sup>th</sup> Ed. **ISBN: 9780077487010**  
Authors: Cunningham & Cunningham Publisher: McGraw-Hill  
First year adopted: 2011-12

BSC1050L – "Research Priorities for Conservation Biology" **ISBN: 0933280998**  
Authors: Soule and Kohm Publisher: Island Press, Washington, D.C.  
NOT CURRENTLY ON THE SCHEDULE – NOT REVIEWING TEXTBOOKS

BSC2085/86 – "A & P – The Unity of Form and Function", 6<sup>th</sup> Ed. **ISBN: 978007-788107-8**  
Author: Saladin Publisher: McGraw-Hill  
First year adopted: 2011-2012

BSC2085/86 – "Study Guide for Anatomy & Physiology", 4<sup>th</sup> Ed. **ISBN: 978007-804252-2**  
Author: Colombo Publisher: McGraw-Hill  
First year adopted: 2011-2012

BSC2085/86Labs – "Anatomy & Physiology Lab Manual" 5th Ed. **ISBN: 9780078030673**  
Author: Ramsammy Publisher: McGraw-Hill  
First year adopted: 2011-2012

BSC2421 – "Biotechnology Fundamentals" **ISBN: 9781439820094**  
Author: Khan, Firdos A. Publisher: CRC Press  
First year adopted: 2012-13

MCB2010 – “Foundations in Microbiology”, 7<sup>th</sup> Ed.

ISBN: TBA for soft cover

Author: Talaro

Publisher: McGraw-Hill

\*First year adopted: 2010-2011 Sign up to review at the fall cluster meeting.

MCB2010L – “Micro Laboratory Theory and Application”, 3rd Ed.

ISBN: 978-089582-8309

Author: Leboffe and Pierce

Publisher: Morton Publishing

First year adopted: 2010-2011 Sign up to review at the fall cluster meeting.

Attendance for biology cluster March 22, 2012; -0- indicates absence

Attendance:

Last Name	First Name/Init	Title	Discipline	Campus	MS
**Allen	Carolyn	Prof.	Biology	BR	44
Ammons	Archie	Dr.	Biology	BR	44
Arango-Jaramillo	Silvio	Dr.	Biology/BioTech	PBG	45
Aviles	Hernan	Dr.	Biology	LW	56
Best	Latsy	Prof.	Biology	PBG	45
Brecker	Edward -0-	Dr.	Biology	LW	56
Chandramohan	Sankaranarayana	Dr.	Biology	BG	43
Colombo	Chris	Dr.	Biology	BR	44
Duncombe	Tcherina	Prof.	Biology	LW	56
*Fairbanks	Tod	Dr.	Biology/BioTech	PBG	45
Handel	Libby -0-	Dr.	BioTechnology	PBG	45
Hartman	Wendy	Prof.	Biology	LW	56
Horwitz	James	Prof.	Biology	LW	56
Liang	Lee	Dr.	Biology	LW	56
Miles	Jessica	Prof.	Environmental Everglades Wtr Proj	PBG	45
Mkpong	Offiong	Dr.	Biology	BR	44
Pacovsky	Raymond	Dr.	Biology/Env./BioTech	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	Vetaly	Dr.	Biology	BG	43
Weissman	Bradley	Prof.	Biology	BG	43

\* Chair

\*\*Scribe