

MINUTES
BIOLOGY CLUSTER
March 26, 2015
1:30-3:30pm
Lake Worth Campus

ITEM 1. General Natural Science Cluster meeting in NS 129 at 1:30pm

Topic: Concerns regarding the offering of OCE 1001 as a Study Abroad course.
(These concerns were voiced in our October 2014 cluster meeting.)

Discussion: Associate Dean Carlos Ramos indicated that the concerns were forwarded to the Study Abroad Committee (Dr. Russell is the chair) and he has not yet received any feedback from that committee.

Action: None at this time.

ITEM 2. Lab & Lecture Co-Enrollment Policy – Results from Associate Dean Ramos

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

Proposal #3 received 85% of the vote as recorded in our previous minutes.

Discussion: Associate Dean Ramos reported that this has not yet been presented and discussed in Dean's Council and he will hopefully have information for us at the fall cluster meeting.

Action: None at this time.

ITEM #3. Textbook Selection Committees:

The textbook committee selections were presented for approval or disapproval by the entire cluster at this meeting.

Text for BSC1005 –

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

Text selected and proposed for approval: “What is Life? A Guide to Biology” 3rd Ed.

Author: Phelan; Publisher: W.H. Freeman

Results of Vote: # approved: 24; abstained: 2

Text for BSC1011Lab –

Chair: Ray Pacovsky
Archie Ammons
Tod Fairbanks
Pam Pannozzo

Text selected and proposed for approval: “Biology Lab Manual” PBS custom edition

Author: Vodopich & Moore; Publisher: McGrawHill

BSC2421 –

Chair: Tod Fairbanks
Hernan Aviles

Text selected and proposed for approval: “Introduction to Biotechnology” 1st Ed.;

Author: Chakravarty, A.K. Publisher: Oxford Higher Education

ITEM #4. Ed Brecker – Lab manual for BSC2085L and BSC2086L –

Editorial function now being assumed by Ed Brecker.

Discussion: Ed Brecker asked for feedback from those faculty using the lab manual. Please send all changes or corrections to him from now on.

ITEM #5. Biotechnology Program – Becky Mercer made a proposal to convert the program to “Controlled Access” and answered questions from the cluster in regards to the change.

Discussion: Questions were asked and answered.

Action: The cluster voted unanimously to approve the change of this program to controlled access.

ITEM #6. Report from Subcommittee on BSC1010 & BSC1011 – Campbell text – chapter split for two volumes and two courses:

Sub-committee members are:

Archie Ammons
Tod Fairbanks
Wendy Hartman
Ray Pacovsky
Clyde Wilkins

Discussion: Archie Ammons reported that the new volume split will have chapter 1 to chapter 23 in Volume #1; Volume #2 will have chapter 22 to the end of the text so that both courses and texts have the evolution chapters for faculty to utilize.

ITEM 7. Nomination and Selection of Cluster Chair and Cluster Scribe:

Discussion: Tcherina Duncombe was unanimously approved to chair the cluster for the upcoming academic year. Clyde Wilkins was nominated and unanimously approved to act as scribe next year as well.

ITEM 8. From the district agenda given to the clusters: “Please discuss the data collected in the fall of 2014 for your cluster’s selected embedded assessment for General Education and provide (1) your recommended competency benchmark for the selected outcome for each Gen Ed course in your cluster; and (2) your plan for administering the fall 2014 assessment again in fall 2015. If ideas emerge that will help make the embedded assessment process more useful for faculty after the fall 2015 cycle, those comments are welcome also.

A form (attached) is provided for this information to be returned to the Office of Institutional Research and Effectiveness by April 30, 2015. Suggestions, if needed, to guide the discussion and decisions are included on the form. “

Discussion: The cluster chair explained the process. The cluster formed course-specific sub-committees to do this work. The cluster chair received the completed “General Education Embedded Assessment Spring 2015 Updates” for each biology course from each sub-committee by the end of the cluster meeting. She will submit the information to Karen Pain.

Data source: General Education Embedded Assessment Results, collected and reported in fall 2014 by faculty/adjuncts, compiled by IRE; assessment instruments as selected by faculty; General Education Embedded Assessment Spring 2015 Updates

Action: Tcherina Duncombe will compile and submit the completed forms to Karen Pain.

OTHER: The biology cluster is aware that the Dean’s Council has, among other ideas for consideration, the prospect of having a special designation for an F which is issued by the instructor for academic dishonesty. Cynthia Judd from the chemistry cluster presented this idea at the beginning of the all science meeting.

TEXTBOOK ADOPTIONS – LISTINGS

TEXTBOOK ADOPTIONS for the Academic Year – **2015-2016**

Yellow highlights indicate the new selections to be voted upon at this year's spring 2016 meeting. Committees for review of the texts will be formed during the fall cluster meeting, 2015.

BSC1005 - "What is Life? A Guide to Biology", 3rd Ed.

Author: Phelan

Publisher: W.H. Freeman

First year adopted: 2015-2016

BSC1005L - "Biology for Non-Majors", 2008

Author: Horwitz

Publisher: Kendall-Hunt Pub

First year adopted: 2014-15

BSC1010/1011 – "Campbell Biology", 10th Ed.

Authors:

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", 3rd Ed.

Author: Hartman

Publisher: Hayden-McNeil

First year adopted: 2014-15

BCS1011L - "Biology Laboratory Manual", 1st Ed., custom PBS edition

Authors: Vodopich & Moore

Publisher: McGraw-Hill

First year adopted: 2015-2016

EVR1001 (BSC1050 previously) - "Visualizing Environmental Science" 4th Ed.

Authors: Hassenzuhl, Hager, Berg;

Publisher: Wiley

First year adopted: 2014-15

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

Author: Saladin

Publisher: McGraw-Hill

First year adopted: 2014-15

BSC2085/86Labs – "Anatomy & Physiology Lab Manual" 6th Ed

Author: Ramsammy

Publisher: McGraw-Hill

First year adopted: 2014-15

BSC2421 – "Introduction to Biotechnology", 1st Ed.

Author: Chakravarty, A.K.

Publisher: Oxford Higher Education

First year adopted: 2015-2016

MCB2010 – "Foundations in Microbiology", 8th Ed.

Author: Talaro

Publisher: McGraw-Hill

*First year adopted: 2013-2014

2010-2011 MCB2010L – "Micro Laboratory Theory and Application", 3rd Ed.

Author: Leboffe and Pierce (Custom for PBS)

Publisher: Morton Publishing

First year adopted: 2013-2014

Attendance (* indicates absence)

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
Carr	Rozenna	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* Kulangara	George Daniel (F/T temp)	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