

MINUTES
BIOLOGY CLUSTER
January 4, 2016
9:00-noon
Lake Worth Campus

ITEM 1. General Natural Science Cluster – not meeting this time

ITEM 2. Biotechnology- Becky Mercer – Proposal to the cluster:

Creation of a new 30-credit Biotechnology CCC. Handouts were provided detailing the coursework and justification for the new certificate.

Discussion: The cluster had various questions that they posed to Becky. After a discussion, a motion was made to accept the proposal.

Action: The cluster voted unanimously to create a new 30 credit Biotechnology certificate.

ITEM 3. Multi-Campus Faculty Search Committees

Discussion: A discussion ensued regarding the hiring process for new faculty. This included discussion of the advertising for the position, the screening committees formed (multi campus also) and the timeline involved in the hiring process.

Action: The cluster would like to formally express concern regarding the following:

1. The creation of the advertisement for a position should more closely match the needs of the campus with the vacant position. For example, a general biology advertisement does not result in candidates with a strong anatomy & physiology background and then credentialing becomes an issue. Conversely, if we need a faculty member to teach environmental conservation, an advertisement that includes anatomy & physiology often precludes getting a pool with faculty with environmental conservation coursework.
2. Our cluster feels that multi-campus ads and committees need to be discontinued. There should be a specific ad and committee for each position on each campus. This is because the ad has to be very general when it involves multiple positions and campuses and results in a pool that may not be rich in candidates suitable for each position.
3. The hiring process should be started sooner and proceed in a more timely fashion so that we are screening and interviewing earlier in the spring term. Often, by starting the process too late, excellent candidates have already accepted a position elsewhere.

ITEM 4. Embedded Assessment Reminder – Reporting due by: Jan. 8, 2016

ITEM 5. Addition of two CCCs (College Credit Certificates) to the Environmental Science Technology AS degree program - Jessica Miles

Discussion: Jessica proposed the addition of two new certificates to the Environmental Conservation program.

1. Hazardous Materials Specialist CCC; and
2. Environmental Science Technician CCC

Data/data source: Handouts detailing the certificates and the coursework involved were provided to the cluster. The cluster had various questions that they posed to Jessica. After a discussion, a motion was made to accept the proposal.

Action: The cluster voted unanimously to create two new CCCs, as shown in #1 and #2 above.

ITEM 6. Textbook Selection Update: MCB2010 & MCB2010L

The committees met to discuss the options and a vote will be taken via e-mail. The results will be presented at the March cluster meeting.

MCB2010- Carolyn Allen, Chair
Yelena Rudayeva
Latsy Best
Ray Pacovsky
Tod Fairbanks
Lee Liang
Vetaly Stashenko
Tcherina Duncombe

MCB2010Lab – Carolyn Allen, Chair
Yelena Rudayeva
Latsy Best
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Tod Fairbanks
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Tcherina Duncombe

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.

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: Hassenzahl, 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	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
Gharti-Chhetri *	Gokarna	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
Gorgevska	Alexandra	Dr.	Bio Tech/ Natural Science & Chemistry	PBG	45
Kulangara*	Daniel (F/T temp)	Dr.	Horticulture/Env.	PBG	45
Liang*	Lee	Dr.	Biology	LW	56
Mercer	Becky	Dr.	Biotechnology	PBG	45
Miles	Jessica	Dr.	Environmental Everglades Wtr Proj	PBG	45
O'Malley	Chasity	Dr.	Biology	BR	44
Pacovsky	Raymond	Dr.	Biology/Env./ Bio Tech	PBG	45
Pannozzo*	Pamela	Dr.	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