

Minutes of the Spring 2018
Meeting of the SPC Biology/Biotechnology Advisory Board

Date: Tuesday April 10 2018

Location: EPI-BD 2-423

I. Meeting was called to order at 6:03 pm.

Advisory Board Chair, Dr. Guy Bradley will lead the meeting today.

The goal of today's meeting is to discuss the viability of both the AS Biotechnology and BS Biology programs. Dean Natavia Middleton was present to review changes in the programs.

SPC staff Advisory Board ex officio members present:

Natavia Middleton, Dean of Natural Sciences
Linda Gingerich, Chair Baccalaureate Biology
Michelle Osovitz, Faculty Baccalaureate Biology
Linnae Boehme, Faculty Baccalaureate Biology

Advisory Board members present:

Guy Bradly, PI TRBU- Biomedical Research, Advisory Board Chair
Steve Harper, Director of Natural and Historical Resources Management, Pinellas County Parks and Recreation
Ann McNicol – Director Biotechnology Program, Countryside High School
Allison Williams – ACOS Research Bay Pines VA Healthcare System
Candace Fennell

SPC staff Advisory Board ex officio members absent:

Kathy Siegler, Instructor in Charge AS Biotechnology and Faculty in Natural Science
Shannon Ulrich, Faculty in Natural Science
Ray Menard, Faculty in Natural Science
Jill Harper-Judd, Academic Chair Natural Science DT campus
Craig Huegel, Adjunct Faculty in Natural Science
Joseph Benavides, Career Service Support – CL campus

Advisory Board members absent:

Paul Anderson, Amanda Audia, Theresa Badurek, Meghan Gentilini, Susan Gerhart, Heather Gibbs, Soichi Haraguchi, Sunil Jambhekar, Fred Perez, Akiko Tanaka, Andrea Smith, Michael Shablott

Introductions

Members present introduced themselves

II. Approval of the minutes from the previous meeting (November 13, 2017)

The chair provided an overview of the minutes and made a motion to approve them. This motion was seconded by Michelle Osovitz and the minutes were approved. Members were reminded that minutes are posted on the AS Biotech/BS Biology website.

III. Open Issues

- a. Status of Baccalaureate Biology Program – enrollment, staffing, and laboratories
 - Discussion of Biology viability report
 - Discussion of career exploration at high school and middle school levels
 - Discussion of Bay Pines undergraduate research opportunities
 - Discussion of Bridges to Baccalaureate Grant
 - Discussed ETS results and comparison to national data
- b. Status of AS Biotechnology Program – enrollment, course delivery, and staffing
 - Natavia Middleton reported graduate numbers for AS Biotech: 1 Fall 2017; 1 Spring 2018 and 2 Fall 2018 (4 total in the first year)
 - 5-6 students will be in the pipeline to graduate in Spring or Summer of 2019
 - 4 new students in the Fall - on track to graduate Spring or Summer of 2020
 - Ann McNicol reported
 - 22 high school students at the first level (Biotech 2);
 - 17 graduating (Biotech 3);
 - 6 of the students plan to attend SPC in the Fall
 - Ann reports a large shift in the number of students interested in SPC. The STEM scholarship has caught their attention
 - On May 2nd Base exam will be offered at Countryside High
 - Can Karen create a map for high school students to transition to SPC?
 - Course Delivery –
 - Applied genetics will be blended instead of online
 - Staffing –
 - Staffing is still an issue. We currently have Kathy, Ray, Adam (EvolveGen)
- c. Internships for BS Biology and AS Biotechnology Students
 - Discussion on placement and internship data

IV. New Business

- a. BS Biology viability report
 - Discussion of Biology viability report –
 - enrollment is slightly up; total number 316 in 2016-17 compared to 296 in 2015-16, 303 in 2014-15 and 304 in 2013-14.
 - Success rates are steady: 87.1% in 2016-17
 - Graduation rates are slightly lower than last year but up from the two previous years (43 in 2017-18, 48 in 2015-16, 39 in 2014-15, and 40 in 2013-14)
 - Placement rates are up; 87% from the 2013-14 graduates compared to 79% from the 2012-13 graduates.
 - ETS tests show that Bacc Bio students score at or above the national average on all measures.
- b. Marketing Strategies were discussed for both programs – enrollment is vital
 - It was suggested that we include our ETS results on marketing materials as a recruitment too
 - Another marketing strategy suggested is to focus on internship and research opportunities
 - Guy Bradley suggested that we use internships for PR – contact local news stations to discuss our internship programs
 - Faculty mentioned wanting to host a poster symposium every semester. Michelle asked if we could possibly host FURC
 - Ann McNicol asked if we would invite her students. They could possibly tour the campus at that time.

Guy Bradley suggested that we focus on internships and asked the best way to do that. Where is the capacity to grow – reach out to high schools. Guy also suggested that we advertise our performance on the ETS and emphasize that cost does not equal quality of education. He also suggested that we offer guaranteed internships and/or research opportunities to students.

Ann McNicol suggested that CHS students are interested in the STEM scholarships and that it would be beneficial for them to meet professors; maybe we could allow Countryside high students to shadow since they are required to shadow. Developing academic maps would help high school students greatly.

V. Adjournment

Meeting adjourned at 7:03