

PALM BEACH STATE COLLEGE
Biotechnology Program Business Partnership Council Meeting
Minutes

April 14, 2016 5:30pm – 7:00pm
Palm Beach Gardens Campus – SC201

ITEM 1: Welcome /Introductions.

Role of the BPC:

- Assist with *long-range planning*, formation of *program goals* and unit plans,
- Review *program curriculum*,
- Serve as *program advocates*,
- Review/evaluate/recommend the available *facilities* and *equipment*,
- Participate in formal *program reviews* and *end-of-program assessment* required by accrediting agencies and Palm Beach State College.

Dr. Becky Mercer thanked BPC members for their support of the program. All members introduced themselves and new members were welcomed to the council. Dr. Mercer reviewed the role of the BPC is to focus on the specific curricular, equipment, and staffing needs of the PBSC Biotechnology Program.

ITEM 2. Program Updates- Equipment and Events

A. Dr. Alexandra Gorgevska presented on recent equipment updates for the program, including:

- For Live Streaming Demos: iPad Air 2, Apple TV 4th Gen with Siri remote (\$149), 48” Commercial Grade TV, Innovelis Apple TV Mount (\$30), Belkin portable table stage (\$99)
- EVOS FLoid Cell Imaging Station (\$11.2K, Invitrogen)
- Countess II FL Automated Cell Counter (\$4.4K, Invitrogen)
- EVOS light cubes (DAPI, GFP, RFP, for Countess cell counter \$1.96K each, Invitrogen)
- 2 Celestron Digital Microscopes, II (\$435.10 total, Carolina)
- 2 National DC6-163 Digital Microscopes (\$3,095.10 total, Carolina)
- Gel Doc™ XR+ System (\$9.7K, Bio-Rad)

B. Field Trips (Spring 2016)

- Intro Lab: Scripps Florida, lab of Dr. Min Guo; hosted by Dr. Joanne Doherty, Senior Staff Scientist
- Biotech 1 lab: Ocean ridge Biosciences
- Biotech 2 Lab: Somahlution & Global Pharma Analytics (GPA)
- Tissue Culture Lab: Akron Biotech
- Instrumentation Lab: ThermoFisher Scientific

ITEM 3. Program Updates-- Student Successes

- Three recent Biotech grads presented at the Spring 2016 Life Sciences South Florida (LSSF) Undergraduate Research Symposium at Broward College 4/2/16: **Anthony Vargas** (now employed at Scripps, Chemistry Dept); **Haya Ghanoumma** (now employed at Scripps FL Cancer Biology Dept), and **Juanita Sanchez** (now employed at BioTools).
- **Rebecca Stremel** was awarded the College’s Martin Luther King, Jr. Student Leadership Award at the College for 2016. Rebecca is President of the Biotechnology Student Association.
- First year student **Courtney Obligation** was awarded the Florida Golf Village Academic Scholarship for 2016.
- Alumnus **Tevin Ali** was selected for an internship in Washington, D.C at the STEMConnector.
- Alumnus **Donald Mau** was hired to work as a technician in a tissue culture facility at Harvard University.

- Alumnus **Matt Cleary** is now pursuing a Master's degree at UF, while working full-time at Somahlution as an Assistant Scientist.
- Alumna **Fabiana Torres** was accepted into the College of Pharmacy at Nova and will start in Fall.2016. Fabiana has been working full-time since Feb 2015 as a Lab Tech at Akron Biotech.
- Alumna **Shannon Pasley** was promoted to Laboratory Coordinator at Akron Biotech.
- Alumna **Kimberly Carroll** is now working in Sales at BocaBiologics, after being promoted from Laboratory Operations.

We are proud of our students and graduates and wish them the best success as they advance their careers!

ITEM 4: Program Updates-- 30-credit (1-year) Biotech Lab Specialist Certificate (CIP 0341010101)

Discussion: As discussed at our last meeting, the Biotech BPC approved the implementation of a 30-credit certificate for students to complete in half the time it takes for the Associate's degree. Since our Fall meeting, this proposal was approved by the College-wide Biological Sciences Faculty Cluster and will next be presented to the College's Curriculum Committee this Spring. If approved, the proposal would be sent to the Deans council and then to the District Board of Trustees (DBOT) for approval. We expect to offer the certificate to students starting in January 2017. The framework already exists in the Florida DOE website: <http://www.fldoe.org/core/fileparse.php/13175/urlt/0341010101-1617.rtf>

ITEM 5: 6-week summer internship for high school students.

Discussion: The program has run (for the past 2 years) a summer research internship for high school students. This program will be expanded, and the criteria for acceptance have been posted.

<http://www.palmbeachstate.edu/programs/biotechnology/internship-opportunities/highschool.aspx>

ITEM 6: Donating to the Biotechnology Program and to PBSC.

Discussion: Mrs. Ana Thomas from the College's Foundation made a presentation on how BPC members can contribute financially to the program to build student success. She stressed to the Council that it doesn't take a large sum to help a student: even a small donation of a few hundred dollars can get a student to graduation, help them transition from part-time to full-time student status, and advance into the biotech workforce. Mrs. Thomas showed the STEAM video <https://vimeo.com/125255215>

Meeting was adjourned, followed by lab tour and networking.

Next council meeting: Fall 2016

Submitted by: Becky Mercer, scribe.

Title	First	Last	Position	Affiliation	Attended?
Dr.	Shourjo	Ghose	Project Manager	JEL	Y
Mrs.	Deb	Scampavia	Community STEM Leader		Y
Mrs.	Ana	Thomas	Director	PBSC, College Foundation	Y
Dr.	John	Paleos	Executive Director Business Development	SureBiochem Laboratories, LLC	Y
Dr.	Louis	Scampavia	Director, HTS	Scripps Florida	Y
Dr.	Tod	Fairbanks	Professor	PBSC	Y
Dr.	Robert	Van Der Velde	Associate Dean	PBSC	Y
Mr.	Edison	Mejia	Lab Specialist	PBSC	Y
Dr.	Rina	Dukor	President & CEO	Biotoools	N

Ms.	Lyn	Slygh	Biotech Academy	Seminole Ridge High School	Y
Dr.	Claudia	Zylberberg	President & CEO	Akron Biotech	N
Ms.	Nikole	Rozon	Mgr, Client Services, Education Partnerships	CareerSource of PBC	N
Mr.	James C.	Campbell	Principal,	Seminole Ridge High School	N
Ms.	Mira	Dhond	Biotech Teacher	Palm Beach Lakes High School	N
Mr.	Adrian	Seepersaud	Assistant Principal	Palm Beach Lakes High School	N
Dr.	Liton	Roy	Scientific Manager	Sancilio & Company	N
Dr.	Catherine	Pachuk	Chief Scientific Officer	Somahlution	N
Dr.	Ana	Fiallos	Head of Education Outreach	Max Planck Institute for Neuroscience	N
Mr.	Eric	Edwards	Biology teacher	Palm Beach Gardens High School,	Y
Mr.	Pierre	Baillargeon	Compound Engineer	Scripps Florida Research Institute	N
Dr.	Cecelia	Crouse	Crime Laboratory Director	Palm Beach County Sherriff's Office	N
Ms.	Julie	Sikorsky	Crime Laboratory Manager	Palm Beach County Sherriff's Office	N
Ms.	Julie	Wilkinson	Managing Partner, COO	ImmunoSite Technologies	Y
Dr.	David	Willoughby	Owner, Manager	Ocean Ridge Biosciences	N
Dr.	Alexandra	Gorgevska	Dept Chair, Biotech/Natural Sciences	PBSC	Y
Dr	Becky	Mercer	Dir., Biotech & STEM Ed	PBSC	Y