



Executive Committee Meeting Minutes
April 22, 2014
9:00 - 10:30 a.m.

In attendance: Dr. Irma Becerra-Fernandez, Dr. Heather Belmont, Sister Linda Bevilacqua, Dr. Karen A. Callaghan, Dr. Jaap Donath, Mr. Andrew Duffell, Ms. Nicole Kaufman Glasgow, Dr. Matthias Haury, Dr. Richard Houghten, Dr. Philip LoGrasso, Dr. Casey Lunceford, Dr. Gary Margules, Dr. Becky Mercer, Dr. Roy Pocknee, Mr. Mel Rothberg, Mr. Shawn Rowan, Dr. Brenda Schoffstall, Dr. Wim Steelant, Dr. Ronald Toll and Dr. Susan Webster

I. Welcome

Dr. Becerra-Fernandez and Sister Bevilacqua welcomed the committee to Barry University. Sister Bevilacqua provided a brief history of the Landon Student Union, where the meeting took place, and the surrounding buildings. Dr. Becerra-Fernandez explained that LSSF Chair, Dr. Mark B. Rosenberg, had to travel to Tallahassee for the legislative session unexpectedly and therefore would not be at the meeting.

Dr. Becerra-Fernandez asked the committee about inviting Dr. John Kelly, the recently appointed president of Florida Atlantic University, to make a special presentation at the committee meeting scheduled for October. Members of the committee were in agreement. Dr. Becerra-Fernandez will reach out to Dr. Kelly with an invitation.

II. Review of Meeting Minutes and Action Items - January 28, 2014

The meeting minutes from the January 28, 2014 conference call were approved and an update on action items was given.

Dr. Becerra-Fernandez will carry out Dr. Houghten's action item to connect with Ms. Nancy Bryan of BioFlorida to discuss the idea of merging the Miami-Dade, Broward and Palm Beach county chapters. A call is being scheduled and an update will be provided at the next meeting.

The LSSF brochures and banner have been updated and ordered. One hundred copies were printed for each institution. Copies were provided to those who were in attendance. Dr. Becerra-Fernandez asked those members who were participating by

phone to let FIU's Office of Engagement know how they would like to acquire their brochures.

A number of institutions have not yet sent in their contribution; FIU's Office of Engagement will resend invoices to the institutions which have outstanding payments.

An electronic version of the brochure will be made available to the committee.

III. New Business

A. Report on BioFlorida Latin America & Caribbean Life Sciences Conference

Dr. Becerra-Fernandez led the conversation regarding the inaugural BioFlorida Latin America and Caribbean Life Sciences Conference. The conference took place on March 27 and 28, 2014. One hundred and forty-five individuals were in attendance, 40 percent of those who attended were not current BioFlorida members and 50 percent of them currently conduct business in Latin America. On the first day of the conference, there was a panel on universities and research organizations. Several LSSF member institutions were represented on the panel – The Scripps Research Institute, Vaccine and Gene Therapy Institute, FIU, Max Planck Florida Institute for Neuroscience and the University of Miami. Conference speakers included Dr. Gabriela Gebrin Cezar, senior director and head of external research and development innovation for Pfizer in Brazil. The delegation from Pfizer, which included four people this year, expressed to Dr. Becerra-Fernandez that next year they would likely bring 10 people.

Dr. Haury suggested that a greater audience from Latin America should be invited. Mr. Rothberg said it was a fabulous first program and believes it will grow into a very successful initiative moving forward. He added that there will be an increase in participation from Latin America once they realize the value of the conference. Dr. Margules was pleased with the number of contacts he was able to make. He felt that the conference was organized in such a way that facilitated networking. Dr. Donath thought the conference was very good and expressed that it should continue to take place in Miami.

IV. Subcommittee Reports

A. Shared Technology and Communication Portal

Dr. Margules updated the committee on progress of the development of the Shared Technology and Communication Portal. He sent an email on March 24, 2014 with a revised version of the portal announcement to the committee members. The response he received was very positive. At the moment, nine

institutions have committed to participating in the portal. Dr. Margules will send another email to those who have not yet responded; he would like two more institutions to commit. Dr. Margules estimates that the portal would be ready to use in six to eight weeks. Those who are still waiting for approval from their leadership can join once they are ready. Dr. Belmont mentioned that being able to populate the portal over the summer months would be great.

B. STEM K-20 Student and Workforce Development

1. Report on STEM Undergraduate Symposium

The second annual STEM Undergraduate Research Symposium took place on April 12, 2014 at FIU. There were 188 people in attendance. Keynote presentations were made by Florida State Senator Jeremy Ring and FIU's Dr. Pedro Greer. There were 58 poster presentations and 12 oral presentations. Ten institutions participated: Barry University, Broward College, Florida Gulf Coast University, Florida Atlantic University, FIU, Indian River State College, Miami Dade College Nova Southeastern University, Palm Beach State College and the University of Miami. There was also a poster presented by a high school student. The winners were:

- First Place Oral Session I:
Sergeine Lezeau – Florida Atlantic University
- Second Place Oral Session I:
Hollyanne Apuli – Indian River State College
- First Place Oral Session II:
Syed Raza – Florida Atlantic University
- Second Place Oral Session II:
Sam K. Powell – University of Miami
- First Place Poster Session:
Taaha Mendha – University of Miami
- Second Place Poster Session:
Nicole Lopez – Barry University
- Third Place Poster Session:
Leidy Gonzalez – Florida International University

The first place winners, Sergeine Lezeau, Syed Raza and Taaha Mendha will present a webinar on May 20, 2014 (connect.fiu.edu/lssfmay2014/).

Dr. Webster thanked the symposium planning committee for their hard work: Dr. Becerra-Fernandez for her efforts in fundraising; Dr. Lunceford for chairing the keynote speaker subcommittee; Dr. Anthony Iacono for his introduction of Dr. Greer; the judges; the FIU Office of Engagement; and the FIU Division of Research, in particular Dr. Andres Gil. Dr. Webster also commented on the caliber of the student presentations.

Dr. Becerra-Fernandez thanked Dr. Webster on behalf of the committee, the academic institutions and the students. She remarked that the event was very successful and that Senator Ring was impressed.

Dr. Becerra-Fernandez added that the students did a great job and that the competition was intense. The first place winners received iPads. The second and third place winners received iPad minis. All of the students who participated received a \$10 Starbucks gift card.

Dr. Becerra-Fernandez thanked Dr. Donath, Dr. Pocknee and Mr. Todd Holt for volunteering as judges. Representatives from several universities were present at the symposium. Dr. Becerra-Fernandez would like to see that effort expanded in an effort to retain students in South Florida. This year, the students were encouraged to visit the university representative tables in order to enter a raffle for Barnes & Noble gift cards.

High school students from The College Academy at Broward College, FAU High School, MAST at FIU BBC and Dr. Michael M. Krop Senior High in Miami-Dade County also participated. Dr. Becerra-Fernandez would like to see the level of participation of high school students increase in the coming years.

Dr. Donath expressed that he thought the event was excellent. The students were able to explain their research in layman's terms. He suggests an increased effort to promote the event both before and after it takes place.

Dr. Pocknee also thought that the standard set by the students was very high. The students were able to thoroughly understand the information and then explain it. He also mentioned that the high school presentation was very good.

2. Selection of next year's host for STEM Undergraduate Symposium

Dr. Becerra-Fernandez asked if there were any institutions that would like to host the conference next year. Dr. Lunceford informed the committee that Indian River State College would be glad to serve as host. The College has adequate facilities and they host many conferences. Additionally, the College is easily accessible from both the Florida Turnpike and I-95.

Sister Bevilacqua thought that it would be great to accept their offer, as did Dr. Schoffstall. Dr. Schoffstall added that the spring time is high season for symposia so the date should be reconsidered for 2015. Dr. Becerra-Fernandez deferred that conversation to the future symposium planning committee.

A unanimous decision was made by the committee to have Indian River State College host the 2015 STEM Undergraduate Research Symposium. Dr. Lunceford will serve as the symposium chair.

Dr. Becerra-Fernandez will lead the fundraising efforts once again. A detailed accounting report of the 2014 STEM Undergraduate Research Symposium is included with these minutes.

C. Asset Map and Cluster Analysis

Dr. Donath has been in communication with Map Your Start-Up. A follow-up conversation is scheduled for the week of April 25, 2014. Dr. Donath expressed concern that if the portal is set up as self-populating, there is a chance that it may become populated by non-life science companies. In particular he said, many service providers may be tempted to sign up and use the asset map for marketing purposes.

Dr. Becerra-Fernandez asked that Dr. Donath present three possible alternatives at the meeting in July.

Dr. Margules said that due to his experience with the Shared Technology and Communication Portal, he is now a fan of self-population, those who are interested in participating will do so. Dr. Donath and Dr. Pocknee both remained concerned about the potential that it could become an advertisement site.

Dr. Becerra-Fernandez and Dr. Donath suggested that the asset map be opened to BioFlorida, Enterprise Florida and The Beacon Council's One Community One Goal Life Sciences Task Force.

D. Regional Conferences and Webinars

Dr. Pocknee asked that everyone look to their networks for possible speakers. Any suggestions should be sent to Dr. Pocknee.

Dr. Becerra-Fernandez reviewed the webinars which have taken place in 2014. In January, Dr. Gene Lang from Saliwanchik, Lloyd & Eisenschenk presented an "Overview of Intellectual Property Law: Considerations for Life Sciences Companies and Universities." In February, Dr. Richard Houghten of Torrey Pines Institute for Molecular Studies presented "Florida Drug Acceleration Program." In March, Dr. Richard Jove of the Vaccine and Gene Therapy Institute of Florida presented "Emergence of Stem-like Cells in Prostate Cancer Drug Resistance." And, last week Dr. Philip LoGrasso from The Scripps Research Institute presented, "A Long Day's Journey into a Drug." The three first place STEM Undergraduate Research Symposium winners will present the webinar on May 20, 2014.

Dr. Becerra-Fernandez reminded the committee that all of the webinars are cataloged on the LSSF website. The webinars are easily accessible and would be great content support for related classes. Attendees of the webinars are able to ask questions and interact with the presenters. Dr. Becerra-Fernandez also said anyone who has faculty with interesting research can participate. The webinars are fully web-based and the presenters can be anywhere in the world - they just need access to the Internet. Speakers from Enterprise Florida and Medtronic have been confirmed; their presentation dates are still being worked out. Any suggestions for presenters or topics should be sent to Dr. Pocknee.

V. Discussion

A. Association of University Research Parks International Conference

Mr. Duffell provided information on the upcoming Association of University Research Parks International Conference which will take place on December 2-5, 2014 in Boca Raton. Research park presidents and university presidents are expected to attend. The planning committee would like for it to be Florida-centric. The theme of the conference is economic development through regionalism; LSSF is a great example of that. The conference will include a "fireside chat" to discuss tech transfer; President Kelly of Florida Atlantic University and President Rosenberg of FIU will both participate. Other panelists are being confirmed with the goal of having four university presidents on the panel.

Mr. Duffell encouraged the committee to review the provided sponsorship package. Dr. Margules expressed that the purpose of LSSF at the event would be

to highlight the universities and their work. Nova Southeastern University has 21 items which are available for licensing. He also said these types of conferences target companies who are looking for the next piece of technological advancement. Mr. Duffell agreed with Dr. Margules' view and informed the committee that in order to take advantage of the conference, the group would have to be a sponsor.

Dr. Donath asked for clarification on the purpose of the conference. Mr. Duffell explained that the focus of the conference would be on how research parks work with universities and their tech transfer offices. There will be a conference track that focuses on technology. Dr. Donath expressed concern that it did not seem to fit with the purpose of LSSF. In particular, while he thinks the subject is important, he does not see how The Beacon Council would fit in. Mr. Duffell countered that the technology being developed in incubators and research parks are potential businesses.

Dr. Becerra-Fernandez added that if LSSF moves forward with this, there needs to be committee member involvement. Sister Bevilacqua said she would need more information before she could make a decision, and it is likely that the conference is taking place during Barry University's finals week. Dr. Margules will further discuss this conference with Mr. Duffell and send a paragraph explaining what it means to LSSF. A vote regarding involvement would take place at that time via email. Dr. Margules concluded that perhaps just a sub-set of the committee would like to participate. It would be a good opportunity even if only five or six institutions participated.

B. eMerge Americas Conference

eMerge Americas Techweek Miami is a week-long, mega-conference beginning on May 1, 2014. With dozens of networking events, summits and speakers throughout Miami, eMerge Americas seeks to bring together industry and civic leaders as well as entrepreneurs and innovative thinkers to learn about the latest technological developments which are driving growth and innovation in the Americas.

The conference will have six tracks, which are aligned with the local economy – innovation, healthcare, finance, urbanization, entertainment and education.

Dr. Becerra-Fernandez strongly encouraged members of the committee to attend if they are able. Registration is available at emergeamericas.org. There is a discount code offered by The Beacon Council which will provide a 15 percent discount. The code is EMERGEBC.

C. Clarification of Membership and Financial Contributions

Dr. Becerra-Fernandez asked the committee members to discuss how institutions with more than one organization on the committee should be considered in terms of membership and financial contributions. Currently, there are two universities that also have research parks which are associated with them and are member institutions of LSSF.

Dr. Belmont prompted Mr. Duffell to discuss Florida Atlantic University and the Research Park at Florida Atlantic University. Mr. Duffell explained that, the research park is not associated with the university, even though the university name is in the research park's name. One concern he does have is that his budget is smaller than that of other LSSF member institutions. So, even though they participate with the collaborative, the cost of the activities goes against a very small budget.

The University of Miami also has two seats on the committee – one as a university and the other as the University of Miami Life Science and Technology Park. Dr. Margules will reach out to Dr. Norma Kenyon to get her feedback on the subject.

The committee discussed various possible solutions and ideas. Dr. Becerra-Fernandez suggested that the secondary LSSF members contribute only 50 percent of what other members pay. Dr. Pocknee said that if there are two institutions with two votes on the committee, they should be responsible for an equal amount. Sister Bevilacqua voiced that being a member and participating has a cost associated with it. Mr. Duffell mentioned that it would be helpful to have an estimate of the cost for the year instead of multiple requests throughout the year. Dr. Margules mentioned that there had previously been discussion about a membership fee, and perhaps it was time to revisit the subject. A membership fee would cover the costs for a full year.

Committee members who are leading initiatives are asked to send the estimated costs of their efforts to the Office of Engagement by Friday, May 30, 2014. An estimated budget based on the information gathered will be provided at the next meeting.

VI. Closing

Dr. Becerra-Fernandez asked the committee members if someone would like to volunteer to host the meeting currently scheduled October 22, 2014. Dr. Pocknee will inquire into the possibility of hosting at Broward College and confirm prior to the meeting on July 21, 2014.

Dr. Margules announced that Nova Southeastern University recently broke ground on its Center for Collaborative Research. The building will house the United States Geological Survey (USGS); the Emil Buehler Research Center for Engineering, Science and Mathematics; an aerospace engineering lab; an IBM B6 super computer; incubator space; wet labs and cancer labs. Dr. Margules thanked Mr. Rothberg for support in developing the space; Nova Southeastern University's developers toured the Vaccine and Gene Therapy Institute of Florida later in the day.

Dr. Belmont announced that Miami Dade College has secured its first contract with Nova Southeastern University to conduct research. Dr. Margules added that Nova Southeastern University's new volunteer policy makes it easier for students from other institutions to partake in their research.

Dr. Becerra-Fernandez thanked Sister Bevilacqua for hosting the meeting. A tour of Barry University was offered to attendees.

Action Items

1. Dr. Becerra-Fernandez will reach out to Florida Atlantic University President John Kelly with an invitation to attend and present at the next in-person committee meeting.
2. Dr. Becerra-Fernandez asked the institutions who had not yet received their 100 LSSF brochures to determine how they would like to acquire them. Contact should be made with Iris Perez at FIU's Office of Engagement to coordinate.
Email: iperez@fiu.edu
Phone: 305-348-4437
3. FIU's Office of Engagement will re-send invoices to the institutions that have not yet sent in payment for the brochures.
4. An electronic version of the revised LSSF brochure will be made available to committee members.
5. Dr. Margules will send another email to committee members who have not yet responded to the request for the Shared Technology and Research Portal.
6. A detailed accounting report of the 2014 STEM Undergraduate Research Symposium will be sent to the committee.
7. Dr. Becerra-Fernandez asked that Dr. Donath present three possible alternatives for the Asset Map and Cluster Analysis at the meeting on July 21, 2014.

8. Dr. Margules will reach out to Dr. Norma Kenyon of the Life and Science Park at the University of Miami to get her feedback on the subject of being considered one vs. two members on the executive committee.
9. Committee members who are leading initiatives are asked to send the cost of their efforts to Iris Perez at FIU's Office of Engagement by Friday, May 30, 2014.
Email: iperez@fiu.edu
Phone: 305-348-4437
10. An estimated budget based on the information provided will be provided at the next meeting.

STEM Undergraduate Research Symposium Financial Summary

Life Sciences South Florida STEM Undergraduate Research Symposium 2014

Assets		
FIU Division of Research	Andres Gill	1,000.00 internal
MDC Office of the Provost	Rolando Montoya	1,000.00 12/10 – CK#813662
Indian River State College	Ed Massey	500.00 12/10 – CK#531135
Nova Southeastern University	Gary Margules	500.00 12/05 – wire transfer
Palm Beach State College	Dennis Gallon	500.00 12/06 – CK#1505
Florida Atlantic University	Dennis J. Crudele	1,000.00 01/06 – wire transfer
VGTI	Mel Rothberg	500.00 12/23 – CK#003438
University of Miami - CAS	Hector Silva	500.00 01/28 – CK#547068
University of Miami - RSMAS	Jessica Nottage	500.00 01/15 – CK#543196
University of Miami - SOE	Helena Solo-Gabrielle	500.00 02/30 – CK#549338
FIU Engineering & Computing	Amir Mirmiran	1,000.00 internal
Barry University	Linda Bevilacqua	1,000.00 01/24 – CK#598809
Broward College		1,000.00
2013 Balance		1,571.00 n/a
Total Assets:		11,071.00
Expenses		
GC Ballroom Rental	Vanessa Vasquez	985.00 Reservation # 94809
Breakfast & Linens		1,556.00 Estimate # 26217
Honey Baked Ham		2,088.00 Invoice 2739.17
Parking	Jazmin Jones	530.00 Event #6114
Starbucks Gift Cards		640.00
Apple Prizes	Jose Lopez-Varela	2,594.00 Quote # 84
Apple Prizes (2)	Jose Lopez-Varela	499.00 Quote # 334
Barnes & Noble Gift Cards		75.00
Ricoh - Welcome Poster		75.00
Ricoh - Abstract Booklet Copies		1,572.00
Office Max - Supplies		99.50
Table Centerpieces		47.08
Total Expenses:		10,760.58
BALANCE		310.42