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**BOARD OF REGENTS**  
*P. O. Box 3677*  
*Baton Rouge, LA 70821-3677*  
*Phone (225) 342-4253, FAX (225) 342-9318*  
[www.regents.la.gov](http://www.regents.la.gov)

## **LOUISIANA SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS**

### **ADVISORY COUNCIL**

**Tuesday, June 12, 2018**

The Louisiana Science, Technology, Engineering, and Mathematics (LaSTEM) Advisory Council met at 10:18 a.m. on Tuesday, June 12, 2018, at the Baton Rouge Community College McKay Automotive Training Center, 2115 North Lobdell, Baton Rouge, Louisiana. Ms. Susana Schowen, Vice Chair of the Council, called the meeting to order. Mr. Vernon Dunn called the roll and a quorum was established.

#### **Committee Members Present**

Laura Younger  
Ken Bradford (John White Designee)  
David LaFargue (William Wainwright Designee)  
Rachel Vincent-Finley  
Jolen Stein (Ken Tucker Designee)  
Susana Schowen  
Stanton McNeely  
Tricia Fos  
Carrick Inabett  
Jeff Holcomb  
Sharon Hewitt  
Jeanine Kahn (Jim Henderson Designee)  
Crystal Gordon

Phoebe Rouse (Randy Duran Designee)

#### **Committee Members Absent**

Kellie Taylor White  
Michael Gaudet  
Stephanie Hilferty  
Jada Lewis  
Calvin Mackie  
Amanda Hill  
Janet Pope  
Kristen Reeves  
Scott Stevens  
Ken Tucker  
Jaime Williams  
Tom Yura  
Joseph Rallo

Senator Sharon Hewitt gave opening remarks and commended the Council and Board of Regents staff on their work.

Mr. Charlie Freeburgh welcomed the Council to the Baton Rouge Community College Automotive Center. Mr. Freeburgh provided background information on the center and programs that the center offers.

### **LaSTEM Coordinator Updates**

Mr. Dunn gave an update on the LaSTEM Summit and reminded the Council to invite attendees to the Summit.

### **STEM Showcase: Louisiana Tech STEM Commission**

Dr. Lindsey Keith-Vincent, Director of Science and Technology Education and LaTech College of Education, offers summer programs, professional development for teachers, curriculum support and partners with Louisiana Department of Education and IAEA. Dr. Sujuan Boutte, Executive Director for Louisiana Office of Financial Assistance, presented an in-depth description of Louisiana Gaining Early Awareness and Readiness for Undergraduate Programs (LaGearUp). LaGearUp is a program designed for limited income or 1<sup>st</sup> generation students that attend failing schools to get them to college and to be successful. Mr. Andrew Ganacheau, Louisiana Center for Afterschool Network gave a description of the program. Louisiana Center for Afterschool Network partnered with LaTech, has created an afterschool certificate, has a social emotional learning initiative and completed a grade retention study. He presented information on the Hammond-Tangipahoa Coalition. Hammond- Tangipahoa Coalition partners with Southeastern Louisiana University to host STEM Café. The STEM Café partners with local businesses to set up STEM events for underprivileged students. Dr. Don Schillinger, Dean of LaTech College of Education, provided the Council with a detailed description of UTeach.

U Teach program is designed to nurture and train a new teaching force of highly qualified instructors in STEM. Dr. Vincent performed a demonstration with the Council using merge cube.

### **PK12 & Teacher Training, High School-Post Secondary Subcommittees to identify Top3**

#### **Objectives for Louisiana**

Dr. Jeanne Burns informed the Council of the upcoming proposals being presented at the Board of Regents (BoR) and Board of Elementary and Secondary Education (BESE) meeting. At the joint meeting, Mr. John White, Superintendent of the Louisiana Department of Education, will recommend that BESE reinstitute the tuition program for teachers. Upon reinstatement of the tuition program, there will be a request for BoR to reactive Classroom Teacher Enrollment Program (CTEP). Funding will be available for the fall semester. The focus of CTEP will be providing tuition for teachers to become certified within STEM areas or add to the teachers' certification. With the reinstatement of CTEP, there will be a reduction in the number of classes taught by uncertified teachers.

**On the motion of Senator Hewitt, seconded by Ms. Schowen, the LaSTEM Advisory Council voted unanimously to endorse this proposal to the Board of Regents and Board of Elementary and Secondary Education to approve this work.**

#### **Review & Prioritize Revised SMART Objectives**

Ms. Schowen informed the Council that the workforce subcommittee established one priority objective and the remaining objectives have made matrix. The other objectives were measures whether than standalone actions. The focus will be on STEM centers and the regional groups associated with centers. The regional centers will be assigned objectives that will roll up into the state's overall objectives. The workforce subcommittee will access the regions to fill the gaps and coordinate with the existing efforts in each region. Dr. Lisa Vosper, Associate

Commissioner for Workforce Education and Training, provided a detailed description of the

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workforce objectives and the plan to accomplish the objectives. Dr. Vosper will recommend that the classification of instructional programs – standard occupational classification (CIP-SOC) workgroup and Louisiana Economic Development (LED) to report out to the Council on the work that is being completed as it relates to STEM. There was detailed discussion on the regional centers and the work of the workforce subcommittee.

**On the motion of Mr. Stanton McNeely, seconded by Mr. Carrick Inabett, the LaSTEM Advisory Council voted unanimously to approve the Workforce Workgroup Subcommittee’s recommendations.**

**On the motion of Mr. McNeely, seconded by Ms. Patty Glaser, the LaSTEM Advisory Council voted unanimously to approve the PK12 Workgroup Subcommittee’s recommendations.**

**Other Business, Wrap up, Next Steps**

Next meeting will be Wednesday, July 18<sup>th</sup>.

**Adjournment**

There being no further business regarding the LaSTEM Advisory Council, Ms. Schowen adjourned the meeting at 12:02 p.m.

## **Guest List: Appendix**

<b>Name</b>	<b>Agency</b>
Luis Medina	RECF
Lori Gauthier	LAGCOE
Lindsey Vincent	LATECH
Don Schillinger	LATECH
Esperanza Zenon	RPCC
Frank Neubrandner	LSU