

**DELTA COLLEGE
BOARD OF TRUSTEES
DINNER MEETING
January 12, 2016
Delta College Main Campus Room N7**

- Board Present:** R. Emrich, K. Houston-Philpot, D. Middleton, M. Morrissey, M. Nash, M. Rowley, E. Selby, D. Wacksman
- Board Absent:** K. Lawrence-Webster
- Others Present:** J. Badour, R. Battinkoff, V. Bledsoe, L. Brown, T. Brown, E. Crane, R. Curley, R. Curry, C. Drake, M. Eyre, J. Goodnow, S. Lama, D. Lutz, N. Mik'El, M. Mosqueda, T. Nadolski, D. Peruski, F. Peters, L. Ramseyer, K. Randolph, D. Redman, S. Romer, K. Schuler, S. Schultz, A. Ursuy, B. Webb
- Press Present:** J. Hall (WSGW); G. Horner (Delta Collegiate); M. Loranger (Delta Collegiate)

Board Chair M. Rowley called the meeting to order at 5:53 p.m.

M. Rowley informed every one of the decision that the Board had just made at the Special Board Meeting that was held at 4:30 p.m. The Board agreed to not participate in the FCC Spectrum Auction and therefore withdraw their application. M. Rowley reminded everyone of the quiet period which starts in just a few minutes at 6 p.m.

M. Rowley then turned the meeting over to Felicia Peters, Professor of Computer Science and Scanlon Romer, Professor of Economics. Reva Curry, Vice President of Instruction and Learning Services, noted that F. Peters and S. Romer were the leaders of the trip to Kenya. She also noted that immediately following this presentation Scott Schultz, Director of the STEM Talent Institute, would be presenting on the STEM Talent Institute and Cindy Drake, Associate Professor of Biology, would present on the Dow Great Lakes Bay STEM Festival.

The trip to Kenya took place November 18-29. The primary goal was to sign agreements and to celebrate 25 years in partnership with Rift Valley Institute (RVIST) and Tracom College in Kenya. F. Peters gave a brief history on the partnership. In 1987 Jack Crowell and Duff Zube along with 18 faculty, staff and community members traveled to Kenya. In 1988 Dr. Betty Jones, applied for and received a three year, \$50,000 USIA grant to develop a sister college.

In 1989 an administrative team from Rift Valley visited Delta College. The following year the first Delta faculty team traveled to Kenya. That same year the first RVIST faculty team traveled to Delta College. In 1991 the first staff and student exchange took place.

Over the years 4,000 computers have been donated along with other supplies and books. Partnership agreements were signed with both Rift Valley Institute and Tracom College which are both two year colleges. S. Romer went over the goals for the next five years. There is currently an articulation agreement in Accounting and others are in the works. There is also a need for funding for students to travel.

A new agreement was signed with PCEA Nakuru West Medical College for nursing. They have had 160 students go through the program and they are working to expand in the medical field. This is where our Delta College nursing students have gone in the past.

F. Peters and S. Romer also shared some photos from the trip.

S. Schultz shared with the Board the mission statement of the Delta College STEM Talent Institute:

“The STEM Talent Institute engages today’s youth in transformational experiences and provides pathways to exciting STEM careers that are foundational to the region’s long-term vitality. We are a catalyst for educational change and novel solutions to STEM-related educational and employment issues while working collaboratively with leaders from K-12, higher education, non-profits, communities, and businesses.”

S. Schultz explained that STEM stands for Science, Technology, Engineering and Mathematics. STEM fields range from healthcare, to the skilled trades and manufacturing, to computer science and the list goes on. The top six Great Lakes Bay Region Industries by GDP (2012) are:

- Manufacturing
- Healthcare and Social Assistance
- Retail Trade
- Real Estate and Rental Leasing
- Finance and Insurance
- Professional, Scientific, and Technical Services.

STEM jobs are growing nearly twice as fast as non-STEM jobs. In a recent key employer survey the following results were found:

- 71% of employers reported having difficulty hiring for a STEM job within the last 12 months
- 76% of employers reported that for their most in-demand positions, trained talent is difficult to find.

Nearly half of graduating high school students are not college ready. The Great Lakes Bay Regional Alliance (GLBRA) came up with four recommendations and the use of four STEM Networks to implement them. The Delta network members include board representation including high school principals and STEM teachers, SVSU, Michigan Works, Mid-Michigan

Health, Covenant, Dow Chemical, HSC, and the Great Lakes Bay Manufacturing Association to name a few. S. Schultz indicated that as the network leader that he regularly meets with the other three network leaders along with the hired consultant, Tom Kiliganik. He also attends monthly meeting with the GLBRA STEM Steering committee and meets regularly with the ISD superintendent for Bay, Midland and Saginaw counties.

The group has tackled the first recommendation in capturing employer demand. The four step process includes:

1. Sector Task Force – identify specific strategy to capture employer demand
2. Employer Focus Group – brainstorming session on sector jobs and identifying STEM occupation for in-depth analysis
3. DACUM Analysis – develop in-depth profile of the selected STEM occupation
4. Training and Education Alignment – aligned regional training/education programs to the needs of the sector and the selected STEM occupational profile.

They decided to focus on the RN positions as part of the Nursing field. They met with all the Human Resources Directors from the area hospitals and found out that they were replacing 1/3 of their workforce every year. Toni Clegg and Ginny Przygocki are both certified DACUM Consultants who interview area RN's. A survey will be sent out to gather more information from area RN's. There will be a regional summit to share the results of the DACUM study.

A grant proposal has been written for funding of a Great Lakes Bay Region STEM Employer Demand center (EDC). This will assist employers in identifying the knowledge, skills, and abilities of STEM occupations; aligning these needs to the training and education entities in the region; and communicating the opportunity for STEM career to students.

Finally S. Schultz ended his presentation with a sneak peek of the STEM Explorer vehicle which is on campus and will be shared with the Board at a future meeting. He thanked the Delta College administration, specially, J. Goodnow and R. Curry for having the foresight to create the STEM Talent Institute at Delta College. He also thanked the Rollin M. Gerstacker Foundation and the Herbert H. and Grace A. Dow Foundation for their financial contributions.

Finally C. Drake presented on the 2015 STEM Festival. The number of students attending the event continues to increase from 2,751 in 2013; 3,267 in 2014 and 3,325 in 2015. She also showed the data trends for the number of schools, the number of school groups and the average group size for all three years, 2013-2015. She also showed a map indicating the location of the schools that attended this year.

The number of partners, Delta College volunteers, activity tables and Delta College departments have all increased for the three years. There has been a slight decrease in the number of Mind Trekkers who are participating. There are some 30 non-Delta partners who helped out with the event. Within Delta there were over 25 departments who participated.

The major benefits from this event include:

- Promoting our Delta College campus
- Volunteering
- Inspiring youth
- Networking with businesses
- Community engagement and outreach.

C. Drake also shared with the Board post-survey results, along with questions and comments from the students who participated. The tentative dates for next year's event are September 23 and 24.

There being no further business, the dinner meeting was adjourned at 6:47 p.m.

Talisa Brown, Assistant Board Secretary

Andrea Ursuy, Board Secretary