DELTA COLLEGE
BOARD OF TRUSTEES
DINNER MEETING
March 8, 2016
Delta College Main Campus Rooms N7 & M150

Board Present: D. Middleton, M. Morrissey, M. Rowley, D. Wacksman

Board Absent: R. Emrich, K. Houston-Philpot, K. Lawrence-Webster, M. Nash, E. Selby

Others Present: R. Battinkoff, V. Bledsoe, V. Bond, L. Brown, T. Brown, J. Carroll, P. Clark, R. Curley, R. Curry, N. Elder, M. Eyre, J. Goodnow, L. Govitz, S. Lewless, D. Lutz, M. Moore, M. Mosqueda, L. Ramseyer, E. Randolph, K. Randolph, K. Schuler, G. Teter, A. Ursuy

Press Present: J. Hall (WSGW)

Board Chair M. Rowley called the meeting to order at 5:58 p.m.

M. Rowley turned the meeting over to J. Goodnow. J. Goodnow thanked the Grace A. and Herbert H. Dow Foundation for the generous gift that has made this initiative a reality. She also thanked Pam Clark, Mike Finelli and Scott Schultz and the team of faculty and staff who collaborated to create the vision for this initiative.

She then introduced Nathan Elder, STEM Explorer Coordinator, before moving to the Construction Lab and touring the new STEM Explorer.

N. Elder gave a brief presentation outlining the features and capabilities of the STEM Explorer.

He explained the role of the STEM Explorer which includes:

- Broadening the understanding of STEM in the Great Lakes Bay Region by attending local events, offering free demonstration and opportunities for community members to participate in onboard activities.
- Providing hands-on activities to local middle school students (Surface Explorations) which is designed to spark their interest in STEM related fields.
- Providing hands-on projects for local high school students (Deep Dives) that incorporate many of the technological features of the vehicles and to help teachers implement a more robust science program incorporating the new Michigan Science Standards.

The unique STEM Explorer features a Stratasys Dimension 3D Printer, Stratasys uPrint SE 3D Printer, 2 Lincoln Electric Welding Simulators, Wind Turbine, 3 Photovoltaic (solar) panels, 24 Dell laptops, 10 ipad Air 2's, durable Corian countertops, dry erase cabinets and tabletop

surfaces, 3 mobile HDTV's, multi-zone wireless audio system, Wi-Fi, Bluetooth, cellular connectivity and much more.

N. Elder also explained the Next Generation Science Standards (NGSS) which led to the newly adopted Michigan Science Standards. He shared with the Board the 8 Science and Engineering Practices along with the 7 Cross Cutting Concepts. He also explained some of the types of projects the students will be working on in areas of Geology, Chemistry, Physics and Biology.

The Board members then toured the inside of the vehicle.

There being no further business, the dinner meeting was adjourned at 6:50 p.m.

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Talisa Brown, Assistant Board Secretary

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Andrea Ursuy, Board Secretary