

GATEWAY TECHNICAL COLLEGE DISTRICT BOARD

Regular Meeting

December 12, 2013

The Gateway Technical College District Board met on Thursday, December 12, 2013 at the SC Johnson integrated Manufacturing and Engineering Technology (iMET), 2320 Renaissance Blvd, Room 130, Sturtevant, WI. The meeting was called to order at 3:00 pm by Ram Bhatia, Chairperson.

I. Call to Order

A. Open Meeting Compliance

- a) M. Harpe confirmed the meeting was duly noticed in accordance with state statutes for open meeting compliance.

II. Roll Call

William Duncan	Present
Susan Greenfield	Present
Gary Olsen	Present
Bethany Ormseth	Excused
Scott Pierce	Present
Neville Simpson	Present
Roger Zacharias	Present
Pamela Zenner-Richards	Present
Ram Bhatia	Present

Also in attendance were, Mary Harpe, Kelly Bartlett and 25 citizens/reporters.

III. Oath of Office

A. W. Whyte administered the Oath of Office to Susan Greenfield. Signed and notarized copies of this Oath of Office are on file in the District Office.

IV. Approval of Agenda

It was moved by S. Pierce, seconded by G. Olsen and carried to approve the agenda.

V. Approval of Minutes

A. It was moved by G. Olsen, seconded by P. Zenner-Richards and carried to approve the minutes of the November 21, 2013 Regular Meeting.

VI. Citizen Comments

A. No citizen comments were submitted.

VII. Chairperson's Report

A. Meeting Evaluation – Had five (7) responses - Meeting went really well. I found the committee of the whole presentation on the Strategic Vision 3.2.1 very informative. The material presented demonstrated that we are moving positively to achieve the goals of the plan. I believe the meeting for November was a good session with many issues addressed. All board members contributed to discussions and we identified that we can all agree to disagree, but still work through issues in a positive manner always reflecting on the best needs of the College. Good information. Good meeting. Though committee of the whole went past allocated time, discussions were very valuable. Liked presentation of WGTD. Very good meeting overall. The COW was very interesting and

impressive. I am continually impressed with our staff. Chairman is doing a very good job of leading the board. Very effective meeting. Lots of good discussion in the closed session. Need to reduce the amount of time arguing about Rules of Order. It takes away from time to discuss more important issues.

VIII. President's Report

- A. Zina Haywood presented on the events at Gateway to celebrate Dr. Martin Luther King Day. This will be Gateway's 20th year of celebration. The theme is Education Access to Success. November 25, 2013, 90 middle school students of color came to Gateway to talk with faculty and administrators about careers they are interested in and developing their dreams. January 18, 2014 a gospel event is scheduled. January 20, 2014 will be the King Day event and Educational Summit at Madrigano Center in Kenosha.
- B. Stephanie Sklba presented on Gateway's unique opportunity to showcase the artwork of one of its students at the WDI conference and Dali Museum in St. Petersburg, Florida in January 2014. Working with students in both the graphics and welding departments, five concepts were sent to the curator of the museum. Greg Kirstein's sculpture entitled "Keycock" was selected and he has been working on the development of this piece. Once completed this piece will be sent to the Dali Museum in St. Petersburg, Florida and will eventually return to the college for permanent placement.
- C. German Based Apprenticeship - Bryan Albrecht met with the US and German Chamber of Commerce regarding the German Skills Initiative on December 9, 2013. This meeting included the Minister for Economic Affairs, Peter Fischer from the German Embassy. They met to discuss bringing together German and American businesses along with local education and training providers. A consortium agreement was launched to develop what a German based apprenticeship model might look like. Secretary Newson recommended Gateway Technical College as the first site to host.
- D. Racine Unified Partnership – Lolli Haws, Racine Unified Superintendent was unable to attend.
- E. Racine Unified Articulation Agreement – Jane Finkenbine presented on Dual Credit Partnership with RUSD. Youth Options: Summer 2013, 40 students are took the Nursing Assistant course; Fall 2013, received 50 applications and 25 students registered for one or more classes. For spring 2014, 61 applications have been received and are in registration process now.
 1. Transcribed Credit:
 - a) Marketing Principles (Case and Park)
 - b) Keyboarding (Case, Park, Horlick)
 - c) Retailing (Park and Horlick)
 - d) DC/AC 1 (Horlick)
 - e) Staff have requested to look at curriculum for Medical Terminology
 - f) 2013/2014 School Year - Transcribed Credit in 16 classrooms with approximately 300 students earning Gateway credit
 2. Coach Events
 - a) Friday, December 13, 2013, automotive students from Park and Case toured Horizon Center
 - b) REAL students are touring iMET on the December 17, 2013
 - c) All high schools invited to CTE month campus events in February, 2014
 - d) 250 students toured iMET for manufacturing month in October 2013
- F. Grant Development Update – presented by Anne Whynott
 1. Grants Team
 - Anne Whynott, Associate Vice President- Research, Planning & Development
 - Aidana Lira, Grants Specialist

- Amy Anderson, Grants Specialist
- Jean Grevenow, Institutional Effectiveness Associate
- Debbie Lewis, Grants Accounting Manager
- Betty Dulak, Finance Grants Associate

2. Responsibilities

- a) Grants Development – research and disseminate grant opportunities, facilitate planning sessions, develop ideas, write and submit proposals, develop budgets
- b) Grant Management – monitor and troubleshoot grants, ensure that reporting requirements are met, ensure compliance with funder and governmental regulations, process grant and budget revisions, liaison with funding agencies

3. 2012-13 Grants Summary

- a) 53 active grants
- b) \$7.2 million in revenue in FY 2013
- c) \$14 million total value

4. Current Grants Projects

- a) Recently Submitted
 - i. Root-Pike Watershed-Based Grant (\$10,000)
 - ii. National Science Foundation ATE Grant – Water Regional Center of Excellence (\$2,965,648)
 - iii. National Science Foundation ATE Grant – Digital Fabrication Learning & Innovation Cmty (\$899,750)
 - iv. Great Lakes Foundation College Ready Grant (\$165,050)
 - v. Adult Career Pathways Industry Convening Grant (\$2,750)
 - vi. Technical Skill Attainment for Information Technology (\$18,000)
- b) In Development
 - i. Great Lakes College Success Grant – due January 6, 2014
 - ii. U.S. Department of Labor Career Connect Grant – due January 27, 2014
 - iii. WTCS General Purpose Revenue Grants – 5-8 applications due February 10, 2014
 - iv. Perkins Grants – 4 applications due February 14, 2014
 - v. Adult Education & Family Literacy Grants – 2 applications due February 21, 2014
- c) Other
 - i. Time & Effort Reporting compliance
 - ii. Implementation of grants software
 - iii. Development of Grants Intranet page
 - iv. Quarterly, mid-year and year-end reporting
 - v. Participation in WTCS grant consortium

G. Journey Members in attendance:

- 1. Jeremy Dutton
- 2. Tom Filipiak
- 3. Amanda Pulda
- 4. Breezann Warnock
- 5. Amy Anderson

IX. Operational Agenda

A. Action Agenda

1. Resolution No. F-2013-2014C.2 Resolution Awarding the Sale of \$1,250,000 General Obligation Promissory Notes, Series 2013-2014C

The administration is recommending Board approval of a resolution awarding the sale of \$1,250,000 of General Obligation Promissory Notes, Series 2013-2014C; for the public purpose

of financing building remodeling and improvement projects. The actual sale will take place at the Board meeting. This debt issue is included in the Board-approved budget for FY 2014.

Following discussion, it was moved by S. Pierce, seconded by W. Duncan, and carried by roll call vote to approve Resolution No. F-2013-2014C.2 Resolution Awarding the Sale of \$1,250,000 General Obligation Promissory Notes, Series 2013-2014C.

Aye: 8
Nay: 0
Absent: 1

2. Resolution No. F-2013-2014D.1 Resolution Authorizing the Issuance of \$1,500,000 General Obligation Promissory Notes, Series 2013-2014D

The Administration is recommending approval to issue General Obligation Promissory Notes, Series F- 2013-2014D; in the principal amount of \$1,500,000 for the public purpose of:

- financing building and remodeling improvement projects (\$1,000,000 – Kenosha Campus Learning Success Center and Student Life and Student Services Center projects)
- financing the construction of building additions or enlargements (\$500,000 – Kenosha Campus Student Life and Student Services Center Expansion project)

This borrowing is included in the 2013-14 budget. Upon approval, appropriate legal notices will be published in the official district newspapers.

Following discussion, it was moved by G. Olsen, seconded by P. Zenner-Richards, and carried by roll call vote to approve Resolution No. F-2013-2014D.1 – Resolution Authorizing approval to issue General Obligation Promissory Notes, Series F- 2013-2014D; in the principal amount of \$1,500,000.

Aye: 8
Nay: 0
Absent: 1

B. Consent Agenda

It was moved by N. Simpson, seconded by P. Zenner-Richards and carried that the Board approve the following items in the consent agenda:

1. **Finance**
 - a) **Financial Statement and Expenditures over \$2,500:** Approved the financial statement and expenditures as of November 30, 2013.
 - b) **Cash and Investment Schedules:** Approved the monthly cash reconciliation, investment schedule and investment report.
2. **Personnel Report:** Approved the personnel report of seven (7) new hires; one (1) promotion; five (5) retirements; two (2) resignations; twelve (12) employment approvals-casual, non-instructional; and no employment approvals-adjunct faculty.
3. **Grant Awards:** Approved the Grant Awards – December 2013
4. **Contracts for Instructional Delivery:** Approved the contracts for instructional delivery report for November 2013
5. **Advisory Committee Activity Report:** Approved the advisory committee 2013-2014 meeting schedule and new members as of December 1, 2013
6. **Approval of Bids:**
 - a) Bid No. 1433 – Technical Building Elevator Repair Project, Racine Campus

X. Policy Governance Monitoring Reports

A. Ends Statement Monitoring

1. End Statement #2 – **Gateway Provides** innovative and entrepreneurial programs and services that align with the educational, economic, and tri-county community needs for students' regional and global competitiveness. K. Walker
 - a) Greg Herker presented on the Fab Lab.
 - i. Prof. Gershenfeld at MIT develops first "Fab Lab" out of his class titled, "How to Build Almost Anything."
 - ii. Fab Labs begin spreading internationally under the direction of MIT which establishes its Fab Lab Network.
 - iii. 2013 – Gateway opens its Fab Lab and becomes part of the MIT Network of Fab Labs. Gateway becomes part of the USFLN (United States Fab Lab Network)
 - iv. Operated summer camps bringing 6-8 grade students into the Fab Lab
 - v. In 2013 hosted over 1000 K-12 students from the area to learn about Gateway and participate in various demonstrations and projects.
 - vi. Worked with graphic design instructor to incorporate Fab Lab into curriculum, currently working to develop more direct classroom experiences with Gateway faculty.
 - vii. Fab Lab is part of a community resource to assist entrepreneurs.
 - viii. Currently providing prototyping support to local manufacturers.
 - ix. Providing project based workshops to community.
 - x. Contracted by DFCL to provide mentoring and outreach in development of the Fab Lab movement and educational opportunities.
 - xi. Gateway Fab Lab was a presenter at 2013 NCATC National.
 - b) Gateway staff worked with a student by assisting him with the development, marketing and prototyping of a small-motor assistance tool using Fab Lab equipment. Connected the student with the patents division. Worked with him on applying for Grant dollars.

Scott Pierce was excused at 4:18 pm.

- c) John Thoreson: Entrepreneur that used lab to create products for his business. John read about Gateway's Fab Lab in the paper. John sells to the pre-cast concrete market. He had ideas but needed a way to create affordable hands on products. Gateway's Fab Lab allows him to create these sample products for half the price.
- d) James Janisse, Fox Valley Technical College Development Manager, presented on Fab Lab and NSF Initiatives.
 - i. DFCL Project Review- Dec. 2013
 - a. Profile- United States Fab Lab Network (USFLN)
 1. The United States Fab Lab Network (USFLN) promotes responsible collaboration in digital fabrication. It evolved in November 2009 from the regional Midwest Fab Lab Network (MFLN, formed in December 2006).
 2. The mission of the USFLN, in the spirit of the MIT Fab Charter, is to support digital and personal fabrication in academics, business, and community outreach:
 - In academics, the USFLN encourages Fab Labs to engage students and teachers in Science, Technology, Engineering, and Mathematics (STEM) disciplines.

- In business, it promotes invention, entrepreneurship, and skills needed for a 21st-century global economy.
 - In community outreach, it makes resources available to empower underserved and non-traditional populations.
 - 3. The USFLN fosters innovation and creativity that contributes to the nation's well-being. Membership is open to ANY person and any organization that follows the MIT Fab Charter.
- b. Background- National Science Foundation (NSF)
 1. Analog – Digital Communication 1945
 2. Analog – Digital Computation 1955
 3. Analog – Digital Fabrication 2005
 4. Digital Fabrication is the process of making or forming based on binary data which rapidly becomes personal fabrication.
- c. NSF Project- Midwest Digital Fabrication Partnership (MDFP)
 1. MDFP will integrate MIT-based Digital Fabrication (Fab Lab) capabilities and resources into student learning experiences at undergraduate levels of higher education.
- d. Current NSF Project- Digital Fabrication Learning Community (DFLC)
 1. The Digital Fabrication Learning Community (DFLC) NSF ATE Project (#1104199) will establish a pilot learning community that leverages digital and personal fabrication's proven enrichment of STEM competencies and attitudes with learners and educators, while driving advanced technician development throughout the USA.
 2. To accomplish this goal, the project will integrate multiple networks of Community College & Educational Fab Labs, Digital Fabrication Experts, STEM Learning Specialists, and Next-Generation Manufacturing (NSF ATE) Centers into a USA Digital Fabrication Learning Community.
- e. Proposed NSF Project- Digital Fabrication Learning & Innovation Community (DFLIC)
 - Goal #1 - Facilitate enrichment of faculty knowledge and application of Next Generation Manufacturing technologies and best practices in product innovation, invention and digital fabrication.
 - Goal #2 - Enable prospective student technicians and those individuals in the talent development pipeline to understand and leverage Next Generation Manufacturing Career Development
 - Goal #3 - Leverage the application and impact of the DFLIC STEM Learning Model and personal fabrication experiences among student populations and technician and talent development programs in the community.
 - Goal #4 - Launch the pilot DFLC organization into the Digital Fabrication Learning and Innovation Community with a leadership role in USA technician and talent development.

f. Digital Fabrication Learning & Innovation Community:

Digital Fabrication Partners

MIT CBA MIT Center for Bits and Atoms
 USFLN United States Fab Lab Network
 IFLA International Fab Lab Association

STEM Collaborators

Stanford Stanford School of Education
 MIT LLK MIT Life Long Kindergarten
 TIES Teaching Institute for Excellence in STEM
 TWC Time Warner Cable

Fab Lab Community

FVTC Fox Valley Technical College
 LCCC Lorain County Community College
 Mott Mott Community College
 SCC Sinclair Community College
 CCBC Community College of Baltimore County
 DC Fab Lab Washington DC
 SD Fab Lab San Diego
 MSI Chicago Museum of Science and Industry
 PH Patrick Henry Community College
 LMC Lake Michigan College
 CC Century College
 GTC Gateway Technical College
 Tulsa Fab Lab Tulsa
 MC2STEM MC2STEM Fab Lab
 AS220 Rhode Island Fab Lab
 Stout Fab Lab UW STOUT

ATE Center Partners

MATEC MATEC NetWorks National Resource Center
 NCME National Center for Manufacturing Education
 TIME Center Technology-Innovation in Manufacturing & Engineering
 RapidTech National Center for Rapid Technologies
 MatED National Resource Center for Materials Technology Education
 RCNGM Regional Center - Next Generation Manufacturing
 FLATE Florida Advanced Technological Education Center

NextGen Manufacturing Partners

New North Northeast Wisconsin Economic Development Group
 SME Society of Manufacturing Engineers
 ASTM ASTM International Standards (F42)
 NIST National Institute of Standards and Technology

Innovation Partners

IE Innovation Engineering
 NAAACE National Association for Community College Entrepreneurship
 NCIA National Collegiate Inventions and Innovations Association
 NC3 Snap-On Tools Innovation Works
 NCATC National Coalition Advanced Technology Centers

Following discussion, it was moved by N. Simpson, seconded by R. Zacharias and carried by roll call vote that this report is evidence that the college is making progress on Ends Statement #2.

Aye: 8
 Nay: 0
 Absent: 1

XI. Board Member Community Reports

- Pamela Zenner-Richards – Attended the visit from the Secretary of Labor at iMET on December 4, 2013. The visit was a remarkable experience. Found the Secretary to be e very articulate and engaging.
- Ram Bhatia – Attended a visit of UW Milwaukee along Bryan Albrecht and Frederick Brookhouse from Snap-on to tour the engineering and battery development labs which opened the doors for an articulation agreement with Gateway.

XII. Next Meeting Date and Adjourn

- Regular Meeting – Thursday, January 16, 8:00 am, Horizon Center
- At approximately 4:48 p.m. it was moved by N. Simpson, seconded by R. Zacharias and carried by roll call vote that the meeting was adjourned and the District Board move to gather for a social event and there will be no official action taken.

Aye: 8
 Nay: 0
 Absent: 1

Submitted by,

Pamela Zenner-Richards
 Secretary