

# EXPLORE YOUR FUTURE DISCOVER UNEXPECTED OPPORTUNITIES



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## BREAKING TRADITIONS



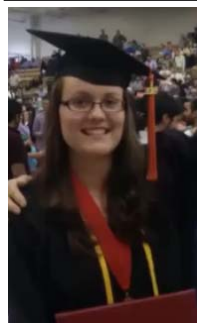
Quincee Denault, Mechanical Engineering Technology Student at the Awards Ceremony in Lansing, MI

Congratulations to Quincee Denault, Mechanical Engineering Technology student! She earned a Breaking Traditions Award of Merit this spring by the State of Michigan’s Department of Education. In the press release issued, State Superintendent Mike Flanagan wrote, “The Breaking Traditions Awards recognize high school and college students who have demonstrated success in CTE (Career and Technical Education) programs that are nontraditional to their gender.”

Quincee was nominated by one of her Ferris professors due to her outstanding academic record and dedication to community outreach activities. As part of her application for the award, Quincee had to complete several essay questions related to overcoming challenges and

secure letters of support from other Ferris faculty and staff.

Those involved in the nomination process were thrilled that Quincee received this honor. She has gone above and beyond not only academically but also in her service to encourage other females to consider careers that are nontraditional for their genders. For example, Quincee has served on various student panels to share her experiences and respond to questions from parents, middle school, and high school students. She also serves on the executive board of Ferris’ Women in Technology (WIT) student organization and has been a dedicated volunteer to support area Technology Engineering Aptitude (TEA) events. We congratulate you, Quincee!



Erin Martin

## OUTSTANDING GRADUATE

Please join us in congratulating Erin Martin, Spring 2015 graduate of the Architecture and Sustainability program! She was recognized as one of seven outstanding graduates by President Eisler. Erin has been an exceptional role model for supporting females in engineering technology programs through her involvement in community outreach and student panels. Learn more about Erin’s experience through the Ferris webpage here: [http://www.ferris.edu/HTMLS/Graduate-Stories/graduates/erin\\_martin.htm](http://www.ferris.edu/HTMLS/Graduate-Stories/graduates/erin_martin.htm)



[https://www.youtube.com/watch?feature=player\\_embedded&v=DeK11fp7mvk](https://www.youtube.com/watch?feature=player_embedded&v=DeK11fp7mvk)



*“Do not let small worries and nervousness stop you from your talent. You have to believe in yourself and go with your instincts, even if it isn’t conventional for something such as your gender....There is no greater feeling than proving your capability.”*

- Quincee Denault,

*Mechanical Engineering Technology Student & Breaking Traditions 2015 Merit Award Winner*

## T.E.A EVENT WITH MORLEY STANWOOD

On April 23, Ferris hosted approximately 40 mothers and daughters from the Morley Stanwood school district for a full Technology Engineering Aptitude (TEA) event at the University Center. Throughout the day, the middle-school-aged students were exposed to a variety of hands-on activities including designing and racing hovercrafts and building

hydraulic cranes. Students participated in a Career Carousel activity that exposed them to numerous career options related to engineering. While on campus the admissions department provided information about the college application process and offered a campus tour. Thank you to the faculty who helped

make the day a success and to the Women in Technology (WIT) students who volunteered their time to offer a student panel to all in attendance



Testing a design.

as well. These students did an exceptional job answering questions from attendees and representing Ferris. We also were grateful for the wonderful support of the Quad Café staff who served lunch in such a timely manner! The event evaluations were very positive and the Morley Stanwood administration indicated that they would like to make this an annual event. We hope to host another group of middle school students next spring!



Mother-Daughter teams test out their hydraulic cranes at the T.E.A. event

## STEM NEWS

A recent study from Northwestern University measured gender stereotypes related to STEM (Science, Technology, Engineering, and Math) topics. Implicit and explicit stereotypes were evaluated internationally on the basis that people tend to associate subjects such as math and science with males. The results showed that the United States ranked in the middle of other countries in 38th place. In other words, the U.S. has considerable room for improvement to reduce the

stereotype that STEM fields are associated with males. One of the authors of the study indicated that stereotypes are best combatted when people see female students in STEM courses. The more we see female role models in classes, textbooks, and the media, the weaker the stereotypes become. To review the full article, visit <http://www.usnews.com/news/blogs/data-mine/2015/05/18/stem-gender-stereotypes-common-across-the-world>.

## RESOURCES

Ferris students have access to a multitude of resources to support success. For a list of some of the resources available, visit <http://www.ferris.edu/HTMLS/academics/center/resources/general/StudentSupport.htm>. Students also are encouraged to check out additional resources and opportunities to get involved through the Center for Leadership, Activities, and Career Services at <http://www.ferris.edu/HTMLS/administration/studentaffairs/CLACS/homepage.htm>.

## NETWORKING RECEPTION

On March 19, Dr. Meagan Pollock volunteered her personal time to meet with Ferris students to discuss opportunities for women in engineering programs. Dr. Pollock is the Director of Professional Development at the National Alliance for Partnerships in Equity (NAPE). Prior to her appointment in this position, she worked as an engineer at Texas Instruments. She holds undergraduate degrees in Computer Science and Math, a master’s degree in Electrical Engineering, and a doctorate in Engineering Education. During the evening Dr. Pollock spoke about the importance of confidence, persistence, mentorships, and tackling the challenges of work-life balance. She also responded to student questions. Thank you, Dr. Pollock for your time!



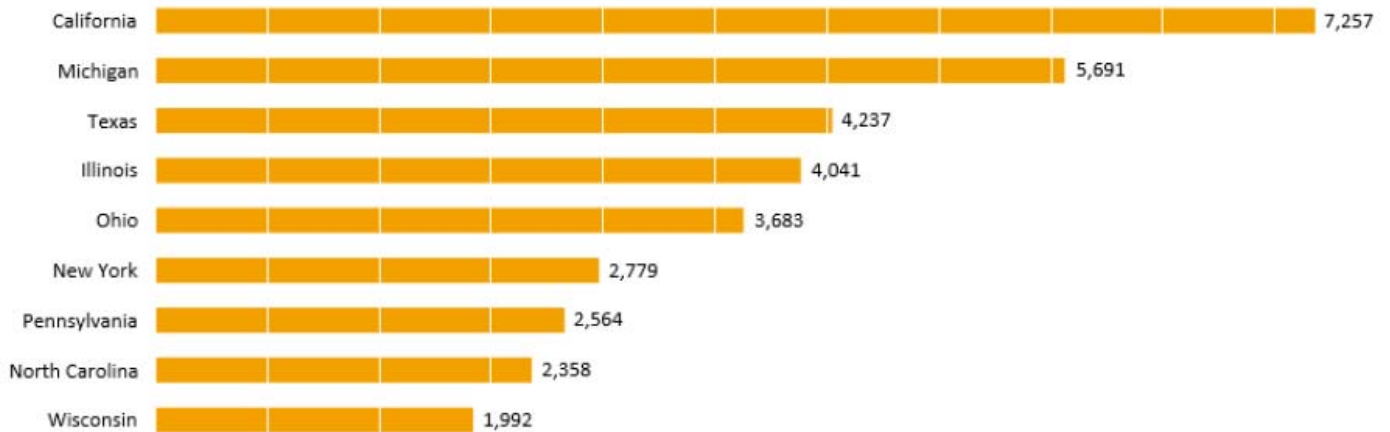
Dr. Meagan Pollock, Director of Professional Development, National Alliance for Partnerships in Equity (NAPE)

## LAUGHABLE

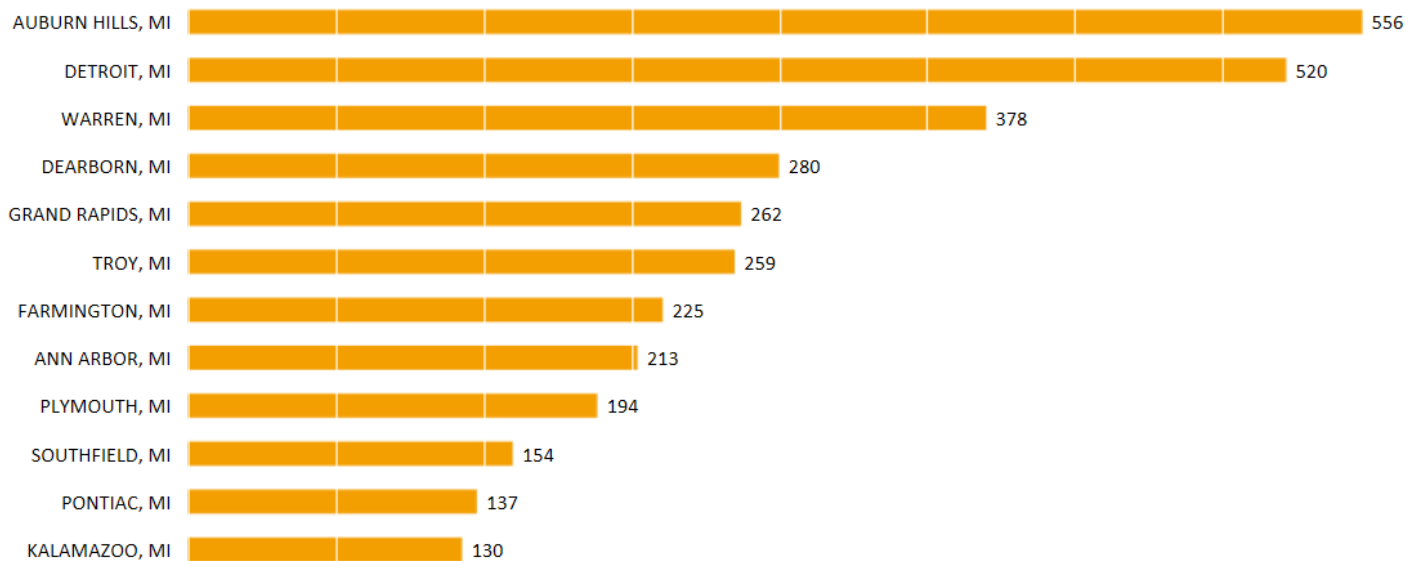


# LABOR/INSIGHT JOBS (BURNING GLASS TECHNOLOGY)

## Top Ten States Reporting Engineering Jobs within the Past 6 Months Associate's or Bachelor's Degrees Required with 0-5 Years of Experience



## Top Michigan Cities for Engineering Jobs within the Past 6 Months Associate's or Bachelor's Degrees Required with 0-5 Years of Experience



### ABOUT THIS TOOL

Labor/Insight Jobs (Burning Glass Technology) is a licensed software tool that reports data based on job postings. If you have questions about the data or would like additional reports, please call 231-591-3549. The reports used to generate the information above were run in December, 2014 and used the Manufacturing Industry sector for the job posting definition. Additional reports can be run to share information about other job families as requested. Various reports will be shared in future newsletters.

### WOMEN IN CET MIXER

On February 26, CET graduates, Amanda Corrigan and Kati Simmons traveled back to campus to share their experiences with students. Students learned about Amanda's typical day managing a nuclear power plant in Illinois and Kati's career progression and educational options. Thank you to these two outstanding alums for volunteering their personal time to support students and to all in attendance!



Amanda Corrigan

Kati Simmons



# FERRIS GRADS AT WORK

**Your Name:** Toni King

**Job Title:** Diesel Technology Instructor

**Employer:** Mecosta Osceola Career Center

**Degrees awarded from Ferris:** Associate of Applied Science, Associate in Heavy Equipment Technology - 2006

Bachelor's in Heavy Equipment Service Engineering Technology - 2007

Master's in Career and Technical Education - 2011

**How would you describe your current position?**

I am currently the lead instructor for a NATEF certified medium/heavy truck technician program. I work with juniors and seniors from six local schools.

**How has your education supported you in your job thus far?**

Without my education I would not be able to teach for the State of Michigan. My undergraduate degrees helped me achieve my ASE certifications

along with relevant job experience. My Master's degree allowed me to obtain my teaching certificate and the necessary skills to help my students.

**How was the job search process?**

My instructors at Ferris set me up with full time employment during and after college at W.W. Williams Detroit Diesel and Allison Transmission in Grand Rapids. Through the newspaper I found an opening for Fleet Maintenance Supervisor at the Mecosta County Road Commission, where I worked for four years. After graduating with my Masters, I found an opening at the Career Center and I have been here since then.

**What do you see as your biggest challenge?**

My biggest challenge is trying to stay current with the latest technology. Equipment is constantly changing, understanding the systems and how to repair them are becoming



Toni King '07

more complicated.

**What do you do in your spare time?**

Work on a small crop farm, dirt bike, kayak, and spend time with family.

**What advice would you give to current students?**

Never give up and always have a backup plan! Being a female in this field will never be easy or fair. You need to learn to deal with it and stand up for yourself! Showing up and your attitude are 90% of the game. The other 10% is working hard and continuing to learn. Do this and you can go wherever you want to go.

*“Never give up and always have a backup plan! Being a female in this field will never be easy or fair. You need to learn to deal with it and stand up for yourself!”*

— Toni King,  
Diesel Technology Instructor,  
Mecosta Osceola Career Center  
Ferris Grad 2007

## WELCOME THE NEW UNIVERSITY CAREER PROGRAMS FACILITATOR

We are pleased to welcome Karen Gross, the new University Career Programs Facilitator to the Ferris community. Karen will be focusing on supporting students in careers that are nontraditional for their genders within the College of Health Professions.

*These materials were developed under a grant awarded by the Workforce Development Agency.*

## IN CLOSING...

Thank you for taking the time to read our newsletter! If you have an idea or comment, we would love to hear from you! You may share your comments with Leigha Compson, University Career Programs Specialist at compsol@ferris.edu or by phone at 231-591-3549.



## CET DIVERSITY STATEMENT

The College of Engineering Technology provides a dynamic experiential learning environment that is inclusive, equitable and just for all individuals, regardless of human differences.

