

MTEEA Journal



From the MTEEA President Peggy Finnegan

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MTEEA's 40th conference is coming up.

Information concerning the conference can be found in this journal. The main conference will take place on Friday, September 28th in Saint Cloud. There will be an optional Thursday afternoon offering PLTW sessions. The Awards ceremony will be held during the Friday luncheon. The annual business meeting will take place Friday after the conference sessions with a social gathering following in the Legends room at the Holiday Inn. If you are interested in attending, please talk to your administrators about staff development or Perkins funding. You can register online on the MTEEA website. Look forward to seeing you at this year's conference.

Congratulations to the Following MTEEA Colleagues

Congratulations to the following ITEEA Teacher of Excellence award winners:

Middle School Teacher of Excellence
TJ Hendrickson
(Shakopee Public Schools)

High School Teacher of Excellence
Erik Dietz
Hastings Public Schools

Outstanding Affiliate Representative:
Joel Ellinghuysen
Lewiston/Altura Public Schools

President elect of ITEEA
Mike Sandell
Chisago Lakes Public Schools

MTEEA Conference Attendee Superstars



Randy and Ryan Giles have attended all 39 Fall MTEEA Conferences.

Dr. William E. Dugger Passes Away.



Dr. Dugger was a highly respected leader in the field of Technology and Engineering Education for many years. To learn more of the impact he had in his career, go to this link provided for the ["Legacy Project" article.](#)

2018 Fall Conference Information

2018 MTEEA Professional Development Theme: "Connecting Tech Ed, CTE and PLTW"

**Sept. 27, Thursday at SCSU
Pre-Conference
4:00 – 7:00 pm**

Thursday Pre-conference fee - \$50
Held at St. Cloud State University labs. Check in at [Headley Hall 230](#).
Parking will be in Parking Ramp (parking voucher will be provided).
Select one of the following sessions (all sessions run from 4:00 to 7:00 pm with snacks provided. Dinner on your own afterwards.):

| | Room 214 | Room 215 | Room 230 |
|-------------|---|--|---|
| 4:00 – 7:00 | Vex Robotics and Programming: Easy C (bring your own laptop) (Vic Dreier) | Inventor update (bring your own laptop) (Mike Sandell) | Vex IQ update (bring your own laptop) (Paula) |

7:00 – 9:00 PM MTEEA Board Meeting - including Affiliate Presidents (Vikings Room at the Holiday Inn; please eat before the meeting)

Friday, September 28 at St. Cloud Holiday Inn Tech Ed, CTE and PLTW Professional Development

Friday fee: (\$150 for renewing members)

Tours: (shuttle vans provided from Holiday Inn)1

9:00 – 10:30 Tour 1 – [Custom Caseworks](#) (Sauk Rapids) Office furniture design and manufacturing

1:45 – 3:10 Tour 2 – [Dezurik/APCO/Hilton](#) (Sartell) Manufacturer of valves for municipal and industrial applications

Friday Workshops and Vendor Session Schedule:

| | River Bats | Twins | Vikings | |
|---------------|---|--|---|---|
| 7:30 - 8:30 | Registration and Networking | | | Vendor Display: 9:30 – 3:30 |
| 8:30 – 9:20 | Best Practices in Automotive Workshop (MN Transportation Center of Excellence – Chris Hadfield, Mike Lehn, Dean Joslin) | Best Practices in Manufacturing Workshop (Bob Bonin and Superintendent Joseph Brown Jr.) | PLTW updates – PLTW DSE (Vic Dreier) | |
| 9:30 – 10:00 | Vendor Display/Networking | | | 10:00 Announcing an all-in-1 3D Printer; PLA, ABS, ASA, and PL-ABS (Haldeman- |
| 10:00 – 11:30 | Establishing Business Partnerships and Advisory Committees (Luann Bartley) | Workshop: Projects that work! (one year later...) Bring an example of a project that really works well for you (show and tell!). (Numerous presenters; | Best Practices in Teaching Construction Workshop (Ken Huling - North Central States Regional Council of Carpenters) 10:00-10:50 Advance Careers | |

Conference schedule continued on next page.

MTEEA Membership

In an information society, accurate information and frequent communication is essential. Your best source for information about Technology Education in Minnesota is the Minnesota Technology and Engineering Educators Association. Membership provides you with conference and in-service opportunities, mailings about special activities, and voting rights at the annual meeting.



2018 Fall Conference Information Continued

| | | | | |
|--------------|--|---|--|--|
| | | Facilitated by Mike Sundblad in the Pool area) | A middle and high school initiative from the SREB Center of Excellence (Jim Mecklenburg) 11:00 – 11:30 | Homme) 10:45 Google Expeditions (Best Buy) (11:30 Lunch) |
| 11:30 - 1:00 | FREE Recognition Lunch; Vendor display closed at lunch – Heritage Room 12:00 Welcome comments by ED/Pres/ITEEA and Featured Vendors 12:15 Awards | | | |
| 1:00 – 1:30 | Tech Talk: Check out Roseville's new CTE/Tech Ed Addition! (Peggy may know someone to present) (Todd Olson) | Tech Talk: Skills Training and Apprenticeships (Chuck Hentges) | Expanding your PLTW class to a K-12 STEM curriculum (Presenter needed) | 1:00 Skill Boss LAB Midwest |
| 1:40 – 2:10 | Supercharge your Supermileage Program! (Mike Sundblad and Luke Becker) | Q&A Session on Perkins, Licensure, CTE Licensure and Work-based Learning (John Rapheal – and Kurt Helgeson) | PLTW Computer Science Options (Vic Dreier) | 1:40 TBD LAB Midwest |
| 2:10 – 2:30 | Vendor Display | | | 2:30 TBD |
| 2:30 – 3:15 | Workshop: Vinyl & Laser Cutters and Sublimation/diSub Printing (Mike Sundblad and Mark Schroll) | Display your student projects at the MN State Fair – Jay has all the details! (Jay Nix) | PLTW Launch – a feeder program for middle and high school (Stacy Helgeson) | |
| 3:30 – 4:00 | MTEEA Annual Business Meeting – St Ben's Room | | | |
| 4:00 - 5:00 | Social Hour & Door Prizes (It's rush hour – you might as well stay for the social...) Legends Bar Area | | | |

Please contact Mike Lindstrom (mike.r.lindstrom@gmail.com or 612-209-1739) with presenter and/or topic suggestions.

The conference will be held at the Holiday Inn and Suites in Saint Cloud, Minnesota. The hotel is located at 75 37th Ave S, St Cloud, MN 56301
Phone: (320) 253-9000 Follow this [link to make reservations](#).

ITEEA Membership

Your membership in the International Technology and Engineering Educators Association (ITEEA) gives you a unique advantage - access to the latest in technology education, networking with leaders in the field, opportunities to become a recognized leader in the profession - to name a few. If you are already an ITEEA member, share your ITEEA experiences with your colleagues. Your personal endorsement is the most effective recruiting tool available. Talk to your colleagues, students and friends about the benefits of membership in ITEEA. Show them a copy of The Technology Teacher or Technology and Children or share other ITEEA curriculum resources. Relate your experiences from a prior ITEEA Annual Conference. When you recruit a new member, you will be helping to expand ITEEA's circle of leadership.

[Log in to the site](#) and then Manage Profile to see your links to become a new member or renew your membership, or [use the print form](#).

[Link to begin or renew MTEEA membership](#)

2018 MTEEA Fall Conference Registration



2018 40th MTEEA Fall Conference Registration

Connecting Tech Ed, CTE and PLTW
 Thursday, September 27 – Pre-Conference – SCSU
 Friday September 28 – St. Cloud Holiday Inn

Last Name: _____ First Name: _____ M.I. _____
 Home Address: _____
 City: _____ State: _____ Zip: _____
 Home Phone: _____ Home e-mail: _____
 School/Business Name: _____
 School/Business Address: _____
 City: _____ State: _____ Zip: _____
 Work Phone: _____ Work e-mail: _____

Please check your affiliate:

Minnesota Valley West Central St. Croix Southern
 North West North Suburban Birch - Coulee North East

Pre-Conference Registration - check here if you are attending the Pre-Conference.

Held at St. Cloud State University labs. Check in at [Headley Hall 230](#).
 Check one: Vex Robotics and Programming: Easy C Inventor update VEX IQ update \$50.00

Conference Registration - check here if you are attending the Friday Conference.

All conference registrations include one-year MTEEA Membership and Friday Recognition Luncheon.

Please check your type of registration.

| | |
|--|----------|
| <input type="checkbox"/> MTEEA (new and renewal) Member Registration | \$150.00 |
| <input type="checkbox"/> MTEEA (retired and student) Member Registration | \$75.00 |
| <input type="checkbox"/> Non-Member Registration | \$175.00 |
| <input type="checkbox"/> MTEEA Conference Committee (membership only) \$40 regular; \$20 retired | \$ _____ |
| <input type="checkbox"/> VIP Registration (Administration, School Board, Guidance) | FREE |
| <input type="checkbox"/> 1 st Year Technology Education Teacher. | FREE |

(A letter from an administrator to authenticate your status is required for your free registration and membership)

Friday Recognition Luncheon (extra tickets) \$20.00 per ticket (includes tax & tip) \$ _____

ITEEA Membership (ITEEA membership is normally \$80) – save \$20 when joining at this conference \$60.00

Total of all items \$ _____

Friday Industry Tours (NO COST)

Registration is limited. Please indicate your first and second choice

_____ [Custom Caseworks](#) (Sauk Rapids) Office furniture design and manufacturing – 9:00AM - 10:30AM
 _____ [Dezurik/APCO/Hilton](#) (Sartell) Manufacturer of valves for municipal and industrial applications – 1:45PM - 3:10PM

Please return your completed registration form by Friday, September 21st with a check or purchase order payable to:

Minnesota Technology and Engineering Educators Association
 c/o Peggy Finnegan, Registration Chair 933 Cherokee Avenue West St. Paul, MN 55118

| | |
|-----------------------------|------------------------------------|
| MTEEA Use Only | |
| Paid Using ...Cash \$ _____ | ...Personal Check # _____ \$ _____ |
| _____ | ...School Check # _____ \$ _____ |
| _____ | ...Purchase Order # _____ \$ _____ |
| _____ | ...Credit Card _____ \$ _____ |
| Completed by: _____ | [] ITEEA |
| Notes: _____ | |

Conference
 Registration Form
 to US Mail Link

[Register Online](#)
[Link](#)



[ITEEA Scholarships](#)
[Link](#)

Congratulations to
 MTEEA Board of
 Director Mike Sund-
 blad who is highlighted
 as a Region III Director
 candidate



Joel Ellinghysen
 ITEEA MN Affiliate Representative

ITEEA Scholarship Opportunities

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Veterans Make Great STEM Teachers

Veterans who are currently enrolled as students pursuing either an undergraduate or graduate degree as a Technology and Engineering teacher are encouraged to apply. This program serves to honor those who have served our country and are now committed to serving/teaching our students.

Claussen/FTEE Memorial Scholarship

TEECA Student Professional Development - The Foundation for Technology and Engineering Educators (FTEE) announces the establishment of the Claussen/FTEE Scholarship. Through the generosity of donors, this scholarship is being created in memory of Larry Claussen, former technology teacher, TEECA advisor, mentor, and friend.

FTEE Undergraduate Scholarship

FTEE Scholarship for Undergraduate Major in Technology and Engineering Education - The Foundation for Technology and Engineering Educators announces the availability of a \$1,000 scholarship for an undergraduate student majoring in technology and engineering education teacher preparation. The award is based upon interest in teaching, academic ability and faculty recommendations.

Maley/FTEE Teacher Professional Development Scholarship

Maley/FTEE Scholarship for Technology and Engineering Teacher Professional Development - The Foundation for Technology and Engineering Educators proudly announces the \$1,000 Maley/FTEE Technology and Engineering Teacher Scholarship in honor of Dr. Donald Maley. Its purpose is to support teachers in their preparation to increase the positive outcomes of technology and engineering education. Criteria include: (1) evidence of teaching success, (2) plans for action research, (3) recommendations, (4) plans for professional development, and (5) the applicant's need.

Litherland/FTEE Undergraduate Scholarship

FTEE Undergraduate Major in Technology and Engineering Education - The Foundation for Technology and Engineering Educators proudly announces the \$1,000 Litherland/FTEE Scholarship in honor of Dr. Les Litherland. The scholarship is for an undergraduate student majoring in technology and engineering education teacher preparation. The award is based upon interest in teaching, academic ability, need, and faculty recommendations.

Professional Development Opportunities



ITEEA Professional Development Webinar: Engineering byDesign™ Industry Certification Pathway

Please register today and join this ITEEA STEM Center for Teaching and Learning professional development webinar session with Doug Lecorchick, III (NC State University). Doug will be introducing the Engineering byDesign™ Industry Certification Pathway on September 13, 2018, 4:00pm.

The Engineering byDesign™ Industry Certification Pathway was developed to encourage more students to work toward a selected industry credential while in high school. This webinar will address why credentialing is valuable for students, strategies to prepare for a successful credential certification examination, and best practices for instructors to facilitate such learning in the classroom.

Course sequence selection will be discussed as well as ideas to incorporate AutoCAD, Inventor, and SOLIDWORKS activities in daily lesson plans. Dr. Douglas Lecorchick III is currently a Teaching Assistant Professor within the College of Education at North Carolina State University with a research focus on the engineering design process and problem formulation navigation of complex challenges.

Doug is also a current ITEEA 21st Century Leadership Academy Cohort Fellow. This webinar series is FREE to ITEEA members. The fee for non-members is \$45. You must be logged in to see member pricing. [REGISTER HERE!](#)

Please select the following link for the complete PD Webinar details.

[Engineering byDesign™ Industry Certification Pathway Information.](#)