All Conference Proceedings and Materials will be placed on the ISEK PLTW Website at www.isek.iastate.edu/pltw

We hope participants will engage in professional communications and networking through engagement with colleagues and learning more about Project Lead The Way, Iowa STEM, and further opportunities for students and ongoing development.

8:30a  Registration – First Floor Lobby
Registration with refreshments in First Floor Lobby

8:45-9:00a  Morning Welcome – Thomas H. Benton Auditorium, First Floor
Camille Sloan Schroeder, Iowa PLTW Affiliate Director, ISU Engineering Community Outreach
Robin Schott, West Central Region Vice President, Project Lead The Way

9:00-9:50a  Breakout Session I

Session I-A:  Using Professionals as Part of Your Engineering Classroom – Room 150
Allen Witt, Kirkwood Community College

Session I-B:  The Next Generation of STEM Teachers – Room 154
Dr. Sarah Derry, South Central STEM Hub

Session I-C:  Integrating Entrepreneurship into your Classroom – Room 167
Judi Eyles, ISU College of Business

Session I-D:  Creating Mobile STEM Environments – Room 171
Pete Evans, ISU College of Design

Session I-E:  News out of the PLTW National Summit – Room 175
Robin Schott, PLTW West Central Region

Session I-F:  Computer Literacy in a Digital Age – Room 179
Dr. Doug Jacobson, ISU Information Assurance, College of Engineering

All Day  Refreshments Available – First Floor Lobby
Time dedicated for ‘so nice to see you’ and ‘let’s chat more after this’ networking.
**Breakout Session II**

**Session II-A:** How PLTW Helped Me Prepare for a STEM Degree — Room 150

*Srini Dhanwada, Nicole Fannin and Emily Knight, Iowa State University Students*

**Session II-B:** Understanding PLTW — A Guide for Administrators and Implementers — Room 154

*Robin Schott — Project Lead The Way Vice President*

**Session II-C:** Integrating Entrepreneurship into your Classroom — Room 167

*Judi Eyles, Iowa State University College of Business, CyBiz*

**Session II-D:** Creating Mobile STEM Environments — Room 171

*Pete Evans, Iowa State University College of Design*

**Session II-E:** Maker Spaces 101 — Room 175

*Tim Shearhouse, Area515 Makerspace*

**Session II-F:** How Your Professionalism Can Grow Your PLTW Brand — Room 179

*Camille Sloan Schroeder, PLTW Affiliate Director, ISU College of Engineering*

---

**Breakout Session III**

**Session III-A:** Using Social Media to Build Your Program — Room 150

*Howard-Winnesheik Community Schools Administrators and Staff*

**Session III-B:** PLTW Biomedical Sciences — Room 154

*Kimberly Glenn, Project Lead The Way Director of School Engagement*

**Session III-C:** Computer Science in Iowa — Room 167

*Mark Gruwell, Co-Chair of Iowa Governor’s STEM Computer Science Work Group*

**Session III-D:** Creating Mobile STEM Environments — Room 171

*Pete Evans, Iowa State University College of Design*

**Session III-E:** Flipping Your Classroom — Room 175

*Allan Schmidt, Iowa State University Center for Excellence in Learning and Teaching (CELT)*

**Session III-F:** Making Industry Connections — Room 179

*Paul Dunnwald, Iowa State University Center for Industrial Research and Service (CIRAS)*

---

**12:00-12:50p**  **Lunch — Stage Door Lounge — First Floor off Lobby**

*Network with your colleagues by topical area. Chat and Chew discussing your PLTW best practices.*

---

**Breakout Session IV**

**Session IV-A:** Using PLTW to Focus Your School’s STEM Efforts for Success — Room 150

*Josh McCollom and Team, PLTW Pella Schools*

**Session IV-B:** STEM in Iowa: Overview of the Iowa Governor’s STEM Executive Order — Room 154

*Dr. Sarah Derry, SC Iowa STEM Hub*

**Session IV-C:** Computer Science in Iowa — Room 167

*Mark Gruwell, Co-Chair of Iowa Governor’s STEM Computer Science Work Group*
Session IV-D: Connecting Extra-Curricular Robotics with your PLTW Program – Room 171
Andy Marshall and Emmaly Burklund, FIRST Senior Mentors

Session IV-E: PLTW Gateway Program Updates from the National Summit – Room 175
Mark Matson, Gateway Master Teacher

Session IV-F: The Creative Power of Maker Spaces – Room 179
Tim Shearhouse, Area515 Makerspace

All Afternoon Networking Break - Lobby
The afternoon pick-me-up treat. Think of it as a little hydration and snack re-boot for the finale.

2:00-2:50p Breakout Session V

Session V-A: Connecting Your School with Iowa Businesses – Room 150
Paul Dunnwald, Center for Industrial Research and Service, ISU

Session V-B: Success Through PLTW Scale Up – Open Discussion – Room 154
Camille Sloan Schroeder, Iowa State University College of Engineering

Session V-C: New School Recognition Information out of the National Summit – Room 167
Robin Schott, PLTW

Session V-D: All About PLTW Launch – Overview and Open Discussion – Room 171
Kimberly Glenn, PLTW

Session V-E/F: Open for Revolving Discussion – Rooms 175 and 179

3:00-3:15p Closing Remarks and Door Prizes – Thomas H. Benton Auditorium
Come receive our thanks for your learning throughout the day and possibly go home with more than you bargained for...in a good way, as in GIVEAWAYS!

Have you used a networking card today to get someone’s contact information or share an area of expertise or best practice that you have? If not, now would be a fantastic time to do so! They’re located on tables throughout the conference.

Thank you to our presenters and participant contributors for their time and talents.

Iowa State University College of Engineering would like to thank each and every one of you for attending today’s conference. We would also like to thank you and your school for your strong commitment to PLTW, STEM advocacy and your leadership in inspiring America’s future engineers and STEMists.

We look forward to receiving any comments/suggestions that may help us to improve future PLTW Conferences.

pltw@iastate.edu ● pltw.org ● isek.iastate.edu
Speaker Contact Information

PLTW Teachers

Josh McCollom
Pella Middle School
josh.mccollom@pella.k12.ia.us

Mark Matson
Franklin Middle School, Cedar Rapids
mmatson@cr.k12.ia.us

Allen Witt
Kirkwood Community College
Allen.Witt@kirkwood.edu

Howard-Winneshiek
Christopher Rogne
crogne@howard-winn.k12.ia.us

Corporate Engagement

Paul Dunnwald
CIRAS - ISU
dunnwald@iastate.edu

Judi Eyles
CyBiz - ISU
eyles@iastate.edu

University and STEM Partners

Dr. Doug Jacobson
ISU Computer Engineering
dougj@iastate.edu

Pete Evans
ISU College of Design
pmevans@iastate.edu

Sarah Derry
Drake University –SC STEM Hub
sarah.derry@drake.edu

Mark Gruwell
Computer Science Committee
mark@gruwell.net

Emmaly Burklund
FIRST Senior Mentor
eburklund@firstinspires.org

Camille Sloan Schroeder
ISU Engineering Community Outreach
camilles@iastate.edu or pltw@iastate.edu

Andy Marshall
FIRST Senior Mentor
amarshall@firstinspires.org

Nicole Fannin or Srinu Dhanwada
Undergraduate Students
pltw@iastate.edu

PLTW

Kimberly Glenn
Iowa Director of School Engagement
kglenn@pltw.org

Robin Schott
Vice President, West Central Region
rschott@pltw.org

PLTW Solution Center
(formerly School Support)
(877) 335-7589
schoolsupport@pltw.org

PLTW Technical Support
technicalsupport@pltw.org