

ASAE QUAD CITY SECTION ACTIVITIES: 2019-2025

2019-2020	Chair: Niels Dybro	Committee Chairs:	
	Chair Elect: Eric Allen	Awards	David Smith
	Past Chair: James Gessel	Communications	Tanisha Locklear
	Treasurer: Eric Fredricks	Community Outreach	Eric Allen
	Secretary: Tanisha Locklear	Continuing Education	Scott Clark
	Nominating: Jeff Bennett	Meeting Arrangements	Anne Carstensen
	Andy Greenlee	Membership	James Gessel
	Ron Schroeder	Newsletter	David Smith
		Program	Niels Dybro
		QCESC Liaison	James Gessel
		Scholarship	Cody Freehill
		Suppliers Coordinator	Andy Theisen
		Tour	James Gessel
		Young Professionals	Sydney Kilcoin

October 22, 2019 – Rogalski Center, St. Ambrose University, Davenport, Iowa. Attendance: 30

- 1.) Hemp Production – Phillip Alberti, Commercial Agriculture Educator, University of Illinois Extension
- 3.) Evening Speaker: The Honeybee – Apis Mellifera L. – Angels of Agriculture – A Look Inside the Beehive – Ron Fischer, “The Beeman of Orion”, Orion, Illinois

January 28, 2020 – Lavender Crest Winery, Colona, Illinois. Attendance: 45

- 1.) Specialty Harvester for Grapes – Richard Cordero, Viticulture Business Manager, New Holland Agriculture
- 2.) Vineyard Maintenance and Grape Production – Ron Belshause, Lavender Crest Winery, Colona, Illinois
- 3.) Evening Speaker: Wine Tasting & Winemaking Discussion – Ron Belshauser, Lavender Crest Winery, Colona, Illinois

February 18, 2020 – Continuing Education Seminar – Machine Learning, Artificial Intelligence and Job Automation, Western Illinois University, Moline, Illinois

- 1.) Pathway to 5G and Mobile Edge Computing, Alex Duncan, Director of Connected Solutions Manufacturing, Verizon
- 2.) Machine Learning – Decision Making for Leaders and Managers, Catherine Gamboa, Machine Learning Content Developer and Curator, Blue River Technology

- 3.) Machine Learning and Artificial Intelligence for Manufacturing, Sankarian Subramaniam, Senior Staff Engineer, John Deere Advanced Manufacturing
- 4.) Predictive Feedrate Control for Combine Harvesters, Colin Engel, TDP Systems Engineer, John Deere Moline Technology Innovation Center and Matt Wold, Systems Engineer, John Deere Global Crop Harvesting

March 31, 2020 – Rogalski Center, St. Ambrose University, Davenport, Iowa. The Awards Meeting was postponed and subsequently cancelled due to the coronavirus outbreak. The awards were presented at the Section’s Fall Meeting on October 20, 2020.

2020-2021	Chair: Eric Allen	Committee Chairs:	
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	Nominating: Jeff Bennett	Meeting Arrangements	Anne Carstensen
		Membership	Niels Dybro
		Newsletter	David Smith
		Program	Eric Allen
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		Suppliers Coordinator	Andy Theisen
		Tour	James Gessel
		Young Professionals	Sydney Kilcoin

September 9, 2020 – Channel Cat narrated tour of the I-74 Bridge Construction Site. Attendance: ~35

October 20, 2020 – Virtual Meeting with Wisconsin Section. Attendance: ~35

- 1) Soil Health and Regenerative Agriculture Movement – Keith Berns, Co-owner, Green Cover Seed
- 2) Evening Program: Section Awards Presentations including
- 3) a presentation by Nick Baltz, Scott Bowers and Jared Suster, recipients of the 2020 Outstanding Engineering Achievement Award, on the development of the John Deere Combine Track System

January 26, 2021 – Virtual Meeting with Wisconsin, Iowa, Chicago and Central Illinois Sections. Attendance: ~70 with 20 from Quad City Section

- 1) Adapting To Challenges During The Development Process – Tyler Olson, PV&V Engineer, Oxbo International

- 2) Integrating Lean Startup Techniques in Seasoned Product Development
– Randy Clark, RCI Engineering

February 23, 2021 – Continuing Education Seminar – Data Management, Analytics, & Applications in Precision Agriculture, held virtually, Attendance: 42

- 1.) Scalability of Yield Monitor Data for On-farm Research, Alysa Gauci, Graduate Research Associate, Department of Food, Agricultural, and Biological Engineering, The Ohio State University
- 2.) In-field Mapping of Cotton Fiber Quality Utilizing the John Deere Harvest Identification System, Dr. Wesley Porter, Associate Professor and Extension Precision Ag and Irrigation Specialist, University of Georgia Crop and Soil Sciences Department
- 3.) Profitability of Precision Agriculture Technologies, Brian Mills, Assistant Professor in Agricultural Economics, Delta Research and Extension Center, Mississippi State University
- 4.) Forward-looking on autonomy; specifically collaborative field operations between ground robots and drones, Alex Thomasson, Professor and Department Head, Agricultural and Biological Engineering, Mississippi State University

March 30, 2021 – Virtual Meeting with Midwest ASABE Sections. Attendance: ~75

- 1) a presentation by Glenn Pope, Jason Healy and Jason Abbott, representing the X9 team, recipients of the 2021 Outstanding Engineering Achievement Award, for the development of the John Deere X9 Combine
- 2) Section Awards Presentations

2021-2022	Chair: Craig Murray Chair Elect: Past Chair: Eric Allen Treasurer: Eric Fredricks Secretary: Ashley Kruse Nominating: Jeff Bennett Niels Dybro Carol Plouffe	Committee Chairs: Awards David Smith Communications Ashley Kruse Community Outreach Continuing Education Scott Clark Meeting Arrangements Anne Carstensen Membership Eric Allen Newsletter David Smith Program Craig Murray QCESC Liaison Eric Allen Scholarship Cody Freehill Tour James Gessel Young Professionals
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September 9, 2021 – Tour of Cinnamon Ridge Dairy Farm. Attendance:
~12

October 19, 2021 – In-person meeting, Rogalski Center, St. Ambrose University, Davenport, Iowa. Attendance: ~25

- 1) Design Features of the Austoft 8810 Sugar Cane Harvesters from Case IH – Craig Jorgensen, Global Marketing Manager for Sugarcane and Coffee for Case IH Agriculture
- 2) Case IH AFS Soil Command System – Tony McClelland, Case IH Tillage Product Specialist
- 3.) Evening Speaker: Agricultural Development in Uganda – Jay Olson, Retired Manager, Materials Engineering, John Deere Moline Technology Center

January 25, 2022 – In-person and virtual meeting with other ASABE Midwest Sections, Rogalski Center, St. Ambrose University, Davenport, Iowa. Attendance: ~25 in person, ~25 virtually

- 1) Michelin UltraFlex Technologies, Cameron Marks, Iowa/Nebraska Region Business Manager
- 2) Raven Industries OMNiDRIVE Driverless Ag Technology, Quincy Milloy, Engineering Team Lead, Raven Applied Technology Division
- 3.) Evening Speaker: Tractor Wars – Neil Dahlstrom, Corporate Archivist, Deere & Company

March 29, 2022 – In-person and virtual meeting with other ASABE Midwest Sections, Rogalski Center, St. Ambrose University, Davenport, Iowa. Attendance: 39 in person, 21 virtually

- 1) John Deere Autonomous Tractor, Joe Liefer and Jeff Runde
- 2) a presentation by Tony Hasenour and Nick Fitzpatrick representing the HDF team, recipients of the 2022 Outstanding Engineering Achievement Award for the development of the John Deere HDF hinged frame flexible cutterbar draper
- 3) Section Awards Presentations

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	Chair Elect: Travis Ohms	Awards	David Smith
	Past Chair: Eric Allen	Communications	Ashley Kruse
	Treasurer: Eric Fredricks	Community Outreach	
	Secretary: Ashley Kruse	Continuing Education	Scott Clark
	Nominating: Jeff Bennett	Meeting Arrangements	Craig Murray
	Niels Dybro	Membership	Eric Allen
	Carol Plouffe	Newsletter	David Smith
		Program	Craig Murray

QCESC Liaison
Scholarship
Tour
Young Professionals

Eric Allen
Cody Freehill
James Gessel

October 18, 2022 – In-person and virtual meeting with other ASABE Midwest Sections, Rogalski Center, St. Ambrose University, Davenport, Iowa. Attendance: ~20 in person, ~10 virtually

- 1) Making Money with Soil Health – Mitchell Hora, CEO of Continuum Ag
- 2) Innovations in Soil Health in Soybean Systems – Abigail Peterson, Director of Agronomy, Illinois Soybean Association
- 3.) Evening Speaker: The Symptoms and Solutions of Vertical Nutrient Stratification – Marion Calmer, Retired Manager, owner of the Calmer Independent Agronomic Research Center and Calmer Corn Heads

December 6, 2022 – Continuing Education Seminar – Systems Engineering and Management, Mt. Joy CNHi Product Development Facility, Davenport. Speakers: Rick Hefner, Program Director, Caltech Center for Technology and Management Education and Rob Day, John Deere. Attendance: 11

January 24, 2023 – In-person and virtual meeting with other ASABE Midwest Sections, Rogalski Center, St. Ambrose University, Davenport, Iowa. Attendance: ~30 in person, ~10 virtually

- 1) GUSS Ag Autonomous Vineyard Sprayer, Sean Sundberg, GUSS Business Integration Manager, John Deere
- 2) Agtonomy Special Crop Autonomy, Tim Bucher and Nic Fischer, Agtonomy.
- 3.) Evening Speaker: Raven Omnipower 3200 Platform and Remote Operation – Brian Hyronimus and Joel Quanbeck, Raven Industries

March 28, 2023 – In-person and virtual meeting with other ASABE Midwest Sections, Rogalski Center, St. Ambrose University, Davenport, Iowa. Attendance: ~45 in person, ~10 virtually

- 1) a presentation by Cary Hubner, Justin Montenguise and Sam Marx representing the John Deere ExactShot Fertilizer Dosing System team, recipients of the 2023 Outstanding Engineering Achievement Award
- 2) New Holland T6 Methane Powered Tractor, Joe Boufford, Product Marketing Manager for New Holland Mid-Range Tractors
- 3) Section Awards Presentations
- 4) NEXAT ‘All in One’ Next Generation Agriculture Technology, Jason Faulkner, Director of Field Operations, Terrakamp LLC

2023-2024	Chair: Travis Ohms	Committee Chairs:	
	Chair Elect:	Awards	David Smith
	Past Chair: Craig Murray	Communications	Ashley Kruse
	Treasurer: Terry Warner	Community Outreach	
	Secretary: Ashley Kruse	Continuing Education	Scott Clark
	Nominating: Jeff Bennett	Meeting Arrangements	Travis Ohms
	Niels Dybro	Membership	Craig Murray
	Carol Plouffe	Newsletter	David Smith
		Program	Travis Ohms
		QCESC Liaison	Craig Murray
		Scholarship	Cody Freehill
		Tour	Eric Allen
		Young Professionals	

October 16, 2023 – In-person and virtual meeting, Rogalski Center, St. Ambrose University, Davenport, Iowa. Attendance: ~20 in person, ~10 virtually

- 1) New Holland TE6 Straddle Tractor Series – John Haupt, Vice President of Global Harvester Product Platforms for CNH
- 2) Cultivating Tomorrow: Vehicle Electrification at John Deere – Jake Pence, Supervisor, Electrification Systems for John Deere Products
- 3.) Evening Speaker: Anaerobic Digestion Systems – Gayle Baker, Project Manager with Mauer-Stutz, Peoria

February 6, 2024 – In-person and virtual meeting, Rogalski Center, St. Ambrose University, Davenport, Iowa. Attendance: ~35 in person, ~21 virtually

- 1) New Holland T4E/Case IH Farmall 75C Electric Powered Tractor, Mark Tilts, CNH lead engineer for electric battery tractors
- 2) Vermeer ZR5 Self-Propelled Round Baler, Peter Horne and Ben Peterson, Vermeer.
- 3.) Evening Speaker: The Farmall Century – Lee Klancher, Octane Press

March 5, 2024 – Continuing Education Seminar – Trends in Agriculture, Risk Management, and Grain Sensing Tech, Mt. Joy CNHi Product Development Facility, Davenport. Speakers: Robb Ewolt, United Soybean Board, Dakota Hoben, Vice President of Operations at Harvest IQ and Mohammed Kamruzzaman, Assistant Professor, University of Illinois ABE Department. Attendance: ~25

March 26, 2024 – In-person and virtual meeting with other ASABE Midwest Sections, Rogalski Center, St. Ambrose University, Davenport, Iowa. Attendance: ~38 in person, ~7 virtually, 75th Anniversary of the Founding of the Quad City Section

- 1) Hylio: Precision Crop Spraying Drones, Arthur Erickson, Hylio CEO.
- 2) a presentation on the CNH AF11/New Holland CR11 Combines, recipient of the 2024 Outstanding Engineering Achievement Award by Curtis Hillen and Ryan Kau, combine product marketing managers for New Holland and Case IH
- 3) Section Awards Presentations

2024-2025	Chair: Matthew Haas	Committee Chairs:	
	Chair Elect:	Awards	David Smith
	Past Chair: Travis Ohms	Communications	Ashley Kruse
	Treasurer: Terry Warner	Community Outreach	
	Secretary: Ashley Kruse	Continuing Education	Scott Clark
	Nominating: Jeff Bennett	Meeting Arrangements	Megan Mueller
	Niels Dybro	Membership	Travis Ohms
	Carol Plouffe	Newsletter	David Smith
		Program	Matthew Haas
		QCESC Liaison	Travis Ohms
		Scholarship	Cody Freehill
		Tour	Eric Allen
		Young Professionals	Landon Fricker

October 23, 2024 – Social Gathering at Armored Gardens, Davenport, Iowa

October 29, 2024 – In-person and virtual meeting, CNH Mt. Joy product engineering facility. Mt. Joy, Iowa. Attendance: ~30 in person, ~10 virtually

- 1) Hydrogen Fuel Cell Tractor Powered by Biogenic Hydrogen – Christian Mayo and Stefano Fiorati, CNH
- 2) Sabanto Steward Autonomous Tractor Upgrade – Corey Sparti, Chief Operating Officer for Sabanto
- 3) ASABE Update – Doug Otto, ASABE National President
- 4) Evening Speaker – Paul Yeager, Iowa PBS Market to Market public television

November 12, 2024 – Quad City Section Tour of Agrisolutions facility in Rock Island

January 28, 2025 – In-person and virtual meeting, Deere Moline Technology Innovation Center, Moline, Illinois. Attendance: 35 with three St. Ambrose engineering students

- 1) Experience in Operating a Farm-Based YouTube Channel – Ronald Schroeder, Section Member and John Deere Harvester product engineer

2) Iowa State Off-Highway Vehicle Chassis Dynamometer, Stuart Birrell, Associate Professor, Agricultural and Biosystems Engineering, Iowa State University

3) Evening Speakers – Iowa State Quarter Scale Tractor Design Team Update, Alec Eggers and Wyatt Lundquist

March 18, 2025 – In-person and virtual meeting, Western Illinois University Quad City Campus, Moline, Illinois. Attendance: ~36 in person, ~5 virtually

1) Industrial Tractor Design, The Lost Art of the Specialized Market – Jacob Bickett, Engineering Manager, Mobile Track Solutions, Elkader, Iowa

2) Fully Electric Tractor Optimized for Autonomous Operation, Tom Boe, CEO and President, AMOS Power

3) a presentation on the John Deere C Series Air Carts, recipient of the 2025 Outstanding Engineering Achievement Award by Doug Graham, Ean Bush and Brendan Kuhns, John Deere Seeding Engineering

4) Section Awards Presentations