



ISBGA Fall Conference October, 22nd & 23rd 2020

Location: 7 Hills Brewing, 1085 Washington Street, Dubuque, IA 52001

Lodging: TownePlace Suites by Marriott Dubuque Downtown, 1151 Washington Street, Dubuque, IA 52001

Call 855-999-0073, room rates \$119 + tax per night. Last day to book is Wednesday, October 14, 2020. Group rates cannot be guaranteed for reservations made after the deadline of October 14th, 2020. Identify yourself as a member of the ISBGA in order to receive the special room rate.

Wearing face mask is encouraged

Please mail or e-mail (rayrowe@isbga.org) this registration by October 14, 2020, so the correct number of meals can be ordered.

Name of School District _____

Number & Name of School personal attending _____

Registration fee: no cost

Please return this reservation to:

Ray Rowe
1619 Riverside Blvd.
Sioux City, Iowa 51109

Wednesday, October 21, 2020

TownePlace Suites by Marriott Dubuque Downtown Lobby:
5:30 Board meeting

Thursday, October 22, 2020

7 Hills Brewery Meeting Room:

10:00 to 11:30 Round table discussion on the impact of the Corona Virus for all members of the ISBGAA. This give members time to discuss what each school is doing to protect their districts from the virus.

11:30 to 12:30

Lunch provided by ISBGA

1:00 to 1:10 Bud Juilfs, ISBGA President – Opening

1:10 to 1:30 Rick Colpitts, Superintendent of Western Dubuque Community School District - Greetings & Welcome

1:30 to 2:30 Matthew Barron & Onesty Friday, Shive-Hattery - Structural Engineering

2:30 to 3:30 Bob Furgeson & Terry Hargrove, Entec Services, Inc – Reducing the Spread of Disease

3:30 to 4:30 Bruce Greiner, VHF Sales - Use of UVC Lighting and Pathogen Reduction

4:45 to 6:00 Tour of the Dupaco Credit Union renovation of the “Voices” building in the Dubuque Millwork District

6:00 Dinner, socializing, and sharing information

7 Hills Restaurant, 1085 Washington. Dubuque, IA

Friday, October 23, 2020

7 Hills Brewery Meeting Room:

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|---------------|--------------------------------------------------------------------------------------------------------|
| 6:30 to 8:00 | Continental Breakfast at Townplace Suites |
| 8:00 to 8:30 | Bud Juilfs, ISBGA President – General Meeting |
| 8:30 to 9:30 | Eric True, Heartland Paper Co & Karri Klein, JJ Shearer Co. –
Clorox Total 360 Electrostatic System |
| 9:30 to 9:45 | Break |
| 9:45 to 10:45 | Steve Engelhart, US Plastic Repair – Repairing Playground
Equipment |
| 10:45 | Fall Conference Adjourn |

**Thank you, Bob Hingtgen, Director of Maintenance
Western Dubuque Community Schools for hosting the
2020 ISBGA Fall Conference.**

Presenter Bios and Presentation Topics

Rick Colpitts, Superintendent of Western Dubuque

Rick Colpitts is in his 5th year as the superintendent of the Western Dubuque School District. Prior to holding this position, he was a human resources director, a high school principal and assistant principal and he began his career in education as a business and technology teacher and coach. The Western Dubuque School District is the largest geographical district in the state. With continued increases in enrollment each year, there have been significant additions to almost every school building over the past 15 years.

Shive-Hattery Architecture + Engineering

Matthew Barron,

“Approaches to Afford storm Shelters & Refuge Areas: How Do We Get from Where you Are Today to a storm Shelter”

I work in tandem with my community to develop the space in which we all live, work and play am driven to create tailored, tangible value that adds to my community by getting to know my clients, their culture and priorities. I approach every relationship with a convivial spirit, because working with people to help them realize their goals is why I became an engineer. As Shive-Hattery's Iowa City office Industrial Squad leader, I help a wide array of businesses in our region maintain their infrastructure and adapt their facilities to changing needs. Industrial work is always unique and challenging, offering design opportunities unlike any other market. As a coworker once told me, “Industrial work is great because it's the weird stuff,” and in the best possible way.”

Onesty Friday, SE, PE, LEED AP Structural Engineer Shive-Hattery

“When a building becomes unused or no longer fulfils its purpose for its owners and users, I work with the owner and architect to envision a new use for it and bring it back to life. As a structural engineer with expertise in additions and renovations, I partner with my clients to discover the new possibilities for their project.

With experience in education, commercial, government, healthcare and industrial structures and improvements, my work of designing buildings and spaces impacts the daily lives of the people who use them. Each building and space has its own set of unique needs and challenges. I enjoy identifying and understanding the needs of the client and working on a team of various skills and expertise to design customized solutions to meet these challenges. I also help my clients with investigation of structural failures in foundations and buildings, structure evaluation and remediation, and complete design of structural improvements at industrial facilities to accommodate new equipment and modifications.”

ENTEC Services, Inc.

Bob Furgeson, PE, CEM, CBCP

Bob is the Director of Energy Services at ENTEC Services, Inc. with 35 years of experience in Design/Build contracting, manufacturing, and architecture/engineering services and is a registered professional engineer in IL and AZ. He’s a Mizzou graduate with dual-engineering degrees and has worked in the past for AECOM and Shive-Hattery, leading design teams and project development. With a broad experience in school, healthcare, commercial and government design projects, he brings an energy solutions perspective balancing in-depth design knowledge and performance solutions to his focus of helping clients with energy challenges. Developing a customized unique approach to retro-commissioning, his teams have helped clients uncover energy strategies and savings not easily found.

Bob is currently focused on helping clients with energy and maneuvering ventilation system adjustments dealing with COVID-19 and the bar-raising IAQ issues we currently face. Ionization is one of those technologies that is not new, but has recently had the curtains pulled back to reveal its real value with a broader application in the new 21st century.

Terry Hargrove Vice President of Technology Solutions

Terry is the Vice President of Technology Solutions at ENTEC Services, Inc. with more than 25 years at ENTEC. His experience includes project management, engineering, programming, graphics design, system startups and troubleshooting, along with building standards in all areas of the business. Terry has certifications in Delta, Honeywell and Tridium products, has a Bachelor of Science in Mechanical Engineering from Bradley University, is a licensed Private Alarm Contractor and a published contributor to the ASHRAE Journal.

Building Automation Systems can be complex and more of a problem than a solution, which is where Terry can bring expertise and experience to resolve issues. His current and ongoing experience includes school district BAS integrations to older systems and new installations and retrofits, card access and camera systems, and chiller and boiler plant optimization. He is currently focused on solving ongoing, long-term difficulties in all of these areas.

VHF Sales Inc.

Bruce Greiner, Training and Marketing **Condensing Boiler and Domestic Water Heaters**

- 1) Condensing Equipment and what makes them efficient
 - i) External Variables that cause faults and lower efficiency
 - ii) Is your system designed where it can condense
 - iii) Answer the question on why combustion needs to be precise
 - iv) How AHRI calculates boiler efficiencies
 - v) The effects of return water temperatures on condensing
 - vi) Why some heat plants require more pump horsepower, more piping or larger piping than others. (Is this being reflected in the boiler price?)

- vii) Fire-tube vs. Water-tube Equipment (one size does not fit all)
- viii) Efficiency gains from dual return boilers
- ix) Converting to hot water from steam
- 2) Primary-Variable Piping vs. Primary Secondary Piping configurations
 - i) When should a boiler plant and domestic water plant operate together
- 3) Calculating the cost avoidance when replacing the heat plant
- 4) Instantaneous Domestic Water Heaters (Plate and Frame and Gas Fired Condensing Equipment) for Domestic Water Production
 - i) Indirect Steam-to-Water Domestic Water Production
- 5) Gas appliance ventilation categories overview and vent materials for condensing equipment
- 6) Connectivity between your boiler and domestic water plants
- 7) Predictive, Preventive and Corrective Maintenance of the Boiler Plant

Bio - Bruce Greiner: Bruce's work experience includes a wide range of experience in facilities maintenance, construction, procurement, finance and human resource management. Bruce has served as the director for the following organizations: Polk County Iowa, General Services; Director of Operations and Construction for Iowa City Community Schools and West Des Moines Community Schools. He also served for the State of Iowa as the Deputy Director of The Office of Energy Independence and as the State's Procurement Chief Operating Officer. Bruce brings his background into his training for VHF Sales, Inc.; a manufacturer's representative firm specializing in HVAC and plumbing equipment solutions which enhance facility management excellence! Bruce is a board member for the Iowa Association of Energy Efficiency and a past President of the Iowa Schools Building and Grounds Association. He has held the designation of Certified Facility Manager (CFM), IFMA. Bruce graduated from the University of Northern Iowa in Construction Management. He has taken MBA classes at

the University of Iowa and Drake University. His favorite off-work activities include supporting the church, family activities, rehabbing houses, working on his Aronia orchard and raising honey bees.

Bruce Greiner
Training and Marketing

VHF Sales, Inc.

Heartland Paper Company

Eric True, Market Development Manager

Eric has over 22 years' experience, starting as a Territory Manager for Heartland in 1997. Working directly with end users providing solutions, and manages the Eastern Region Sales Team. Eric has partnered with the industry's leading manufactures to continue his education and knowledge of the cleaning industry, in order to be a resource for his customers and team.

JJ Shearer Company (A Manufacture Rep Group)

Karri Klein, Business Development Manager

Karri has over 30 years of sales experience, 15 years within the JanSan industry. Karri works directly with end users through the distribution channel providing solutions with a variety of manufacturer's that she represents. She prides herself on the lasting relationships built over the years and continues to be a go-to for her customers and their needs.

Presentation

Clorox Total 360 Electrostatic System

- Keep your facility healthier while saving time, money, and labor
- The system uses 65% less solution & works 75% faster than a trigger sprayer.

- Overview of the different types of “foggers” & sprayers, and how they actually work.

US Plastic Repair

Steve Engelhart

Steve Engelhart, is a prior service Army National Guardsman. With over 35 years' experience in fabrication, welding, and preventative maintenance. Steve was born and raised on his parents' farm in Northeast Nebraska. Brought up with the values of honesty, integrity, hard work, and the belief of repair before replace.