

Washington State Society for Healthcare Engineering

Eastern Chapter Meeting – Agenda

June 3rd, 2022

Jonathan Lewis – Klickitat Valley Health – Goldendale Observatory

1602 Observatory Dr.

Goldendale, WA 98620

10am-12pm

10:00AM

Administrative

1. Meeting call to order
2. Introductions and Icebreaker
3. Approval of November meeting minutes
4. 2022 Eastern Chapter Officers
 - President-Ryan Fancher
 - President Elect – Michael Nafzgar
 - Secretary-Eric Rodgers
 - Education Chair – Craig Greathouse
 - Treasurer – Eric Rogers
 - Business Partner-Tami Wais- Johnson Controls
5. Treasurer's Report: (Eric Rodgers)
6. 2022 Meeting Dates and Locations listed below. Host member designated next to dates below responsible to find educational speaker. (Can work with Craig Greathouse)
 - **March 4th, 2022** - Spokane (Tami Wais)
 - **June 3rd, 2022** - Goldendale (Jonathan Lewis)
 - **August 18th, 2022** – Moses Lake (Matt Davis)
 - **December 2nd, 2022** - Wenatchee (Ryan Fancher)
7. Newline Articles Submissions –Please keep in mind all members can submit news articles and they only need to be a couple of paragraphs. These articles can be related to anything to do with Health Care Facilities Management that you feel our members may find valuable.
 - December-Glenn Faulkner
 - March- Brad Jones - Complete
 - June- TBD
 - September- Ryan Fancher

Advocacy and Networking (Ryan Fancher)

2022 WSSHE State Board Members

President: Scott Clinton

Immediate Past President: Jonathan Lewis

President Elect: Marnie Boomer

Secretary/Treasurer: Mike Chitwood

WAM: Tami Wais

Communication: Deanna Page

Historian: Geoff Glass

Scholarship (MM): Gary Mayer, Andrea Pina, Kevin Kajita; Scott Clinton; State Scholarship Chair

Emeritus: Phil Kercher

Education: Marnie Boomer

Advocacy/Sustainability: Kevin Kajita

Growth and Communication (Ryan Fancher)

1. WSSHE –2022 Conference Dates
 - Fall Conference – Vancouver WA – Hilton Oct 18th – 21, 2022
2. Discussion about a gathering this Summer –

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- Golf Tournament Committee: Tami Wais, Nick Gonzales
 - i. Tri-Cities, September ??
- Chapter Sponsorships - 2023
 - i. List of benefits for sponsoring Eastern Chapter
 - 1. Golf
 - 2. Advertisements during education session
 - 3. Other??
- 3. Mentors (New Member Committee)
 - New members are connected with a mentor to guide, educate, and engage them in WSSHE (base on region)?

Education: (Craig Greathouse)

- Education Update
 - Today's Education Session- Dave Williams, Karina Hershberg, and David Mead, Are Carbon Negative Hospitals Possible?
- Future Education Session Ideas.
 - Ask members to provide possible education topics as well as presenters to education chair.

WSSHE Scholarships: (Gary Mayer)

Mac McKenzie Scholarship Fund

The scholarship is open to members wishing to further their education. There are **six (6) \$750 education scholarships** available each academic year, running from September through August. **No due date for scholarship applications, open until the awarded amounts are reached.**

Pete Peterson Scholarship Fund

The purpose of the Scholarship Fund will be to assist WSSHE Full Members to be able to attend conferences and educational meetings that they might not be able to due to financial restrictions.

At the beginning of the year the Chapter Board shall meet and decide the amount of the funds, the number of awards to be given, and the individual amount of each award. The Board will then make the announcement of the chapter membership of the funding that will be available and the procedures for applying.

Priority of Awarding the Scholarship:

1. Awards shall be given on a first come first served basis
2. The PPSF Board will set the guidelines for the due dates of applications and the awarding criteria. Full members can use the enclosed application form to submit their requests.
3. The PPSF Board will approve/disapprove all requests at the regular PPSF Board meeting following the receipt of the requests.

Questions from Chuck?: (Group)

1. What's on your mind and how can we help each other?

11:00AM

Education Session: Are Carbon Negative Hospitals Possible?

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Are Carbon Negative Hospitals Possible?

Washington has an extremely aggressive Clean Energy Transformation Act that calls for the state to:

- 2025: Eliminate coal
- 2030: Greenhouse gas neutral standard
 - At least 80 percent of electricity delivered must be renewable or non-emitting
 - Alternative compliance options for up to 20 percent
- 2045: 100 percent renewable or non-emitting retail electricity supply

How will these objectives impact our buildings and capital projects going forward? What are the cutting edge technologies and design principles that we should be thinking about? The Team from PAE will talk about some studies and projects that they are currently working on.

Presenters from PAE Engineering:



Dave Williams, PE, LEED AP PRINCIPAL, Principal has over 20 years of experience in mechanical engineering. Through his extensive work with data centers, laboratories, and healthcare facilities, he is exceptionally skilled at providing designs for controlled environments. Dave focuses on improving patient care, reducing operating and maintenance costs, and increasing energy efficiency. Dedicated to reducing energy consumption in the built environment, his resume includes several LEED and Net Zero Energy certified buildings. As a principal at PAE, Dave's leadership results in quality designs and effective communication throughout the life of a project.

Karina Hershberg, PE, LEED AP is passionate about sustainable development and has nearly two decades of experience in electrical engineering. She brings a unique perspective to engineering at PAE. Through data-electrical design, Karina helps resilient solutions. She leads the emissions analysis, and campus-2020 Women of Vision awardee and building industry publications. Karina energy systems and pathways to



Karina Hershberg, PE, LEED AP about sustainable development, Karina experience in electrical engineering. her dual roles in analysis and driven analytics and innovative projects implement regenerative and development of microgrid design, scale solutions for the firm. She was a has been featured in numerous speaks regularly on the future of building decarbonization.



David Mead, CPHC, AIA, LEED AP BD+C SENIOR ASSOCIATE is internationally recognized for his thought leadership on the integration of engineering and architecture for ecologically-inspired design solutions. With over 16 years of experience as an MEP high performance building specialist and architect, he works to integrate engineering and architectural solutions into unified sustainable designs which involves research, innovation, engineering, and verification of concepts. David is a committed advocate for net-positive buildings and brings an innovative approach to greenhouse gas and energy analysis to advance building performance towards carbon neutral and regenerative strategies.

Next meeting: Moses Lake – August 18th, 2022, Host – Matt Davis

Building Tour – N/A