

# Research in STT

Presentation to the Strategic Research Plan Advisory Committee

By

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# Faculty in STT

- Vocational Programming
- Prescribed Curriculum & Timeline
- ITA focused on Skills in 19<sup>Th</sup> Century Education
- Focus is on Graduating more Apprentices

# Programming Opportunity

- ITTC
- Trades and technology
- Focus on more non-ITA Programming
- Diploma & Degrees

# Research in STT

- Build better widgets – Design & Prototyping
- Cost-efficient Manufacturing/Building
- Plant Layout/Construction
- Maker Space

# Areas on Application

- Renewable Energies
- Healthy Building/Building Technology
- Advanced Construction Materials / Applications
- CAD/CAM/CNC Manufacturing/ Robotics
- EV Technology
  - Public/Commercial
  - Industrial
- Electronics Packaging

# Faculty Research

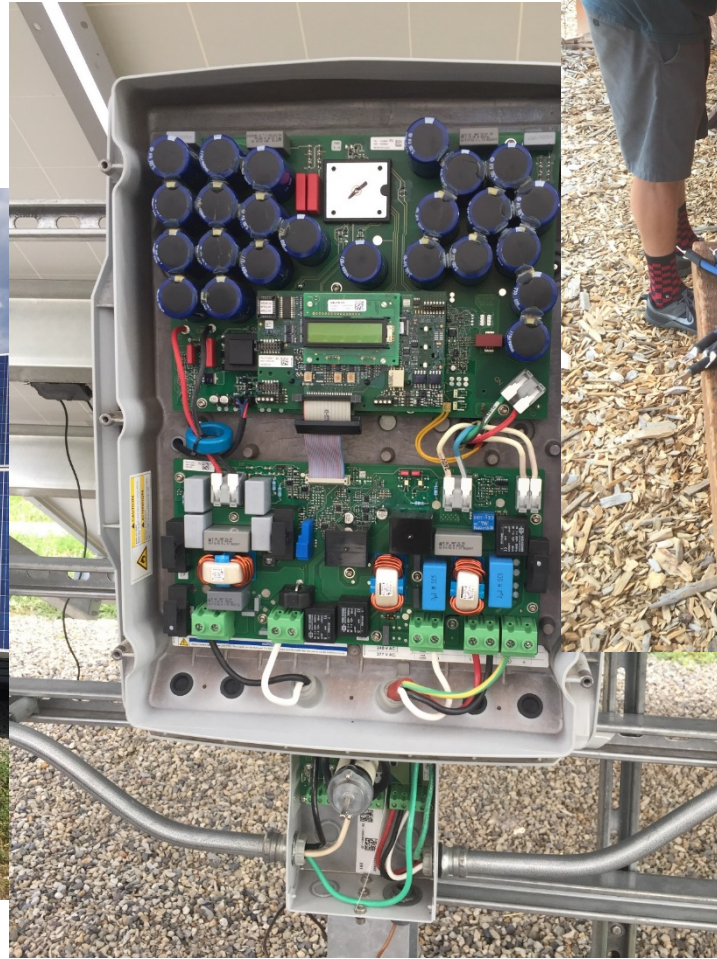
- Introduce Amie





# Where I started....

Trained as a Solar Professional at SEI in Colorado.  
Certificate earned in 2018.



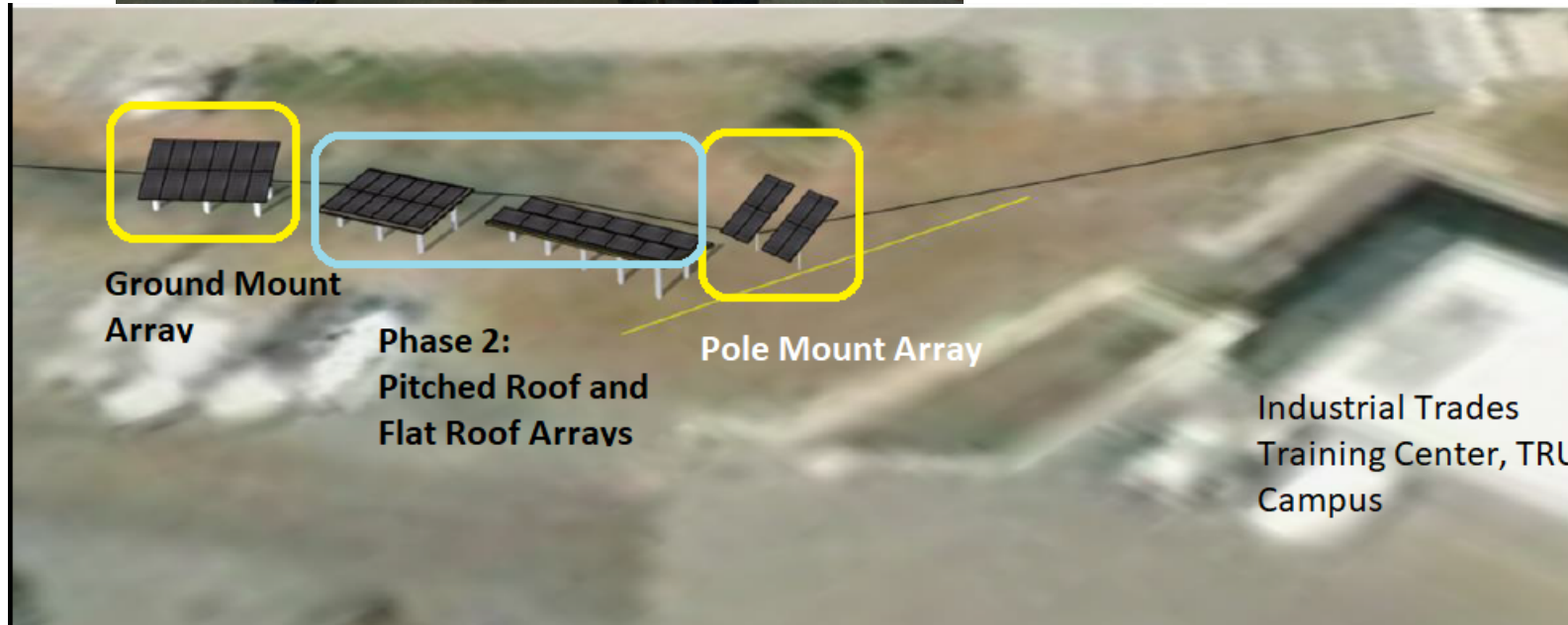


# Where it has taken me....





# Where we are going....





**To build a 15' x 15' structure to house the Fuel Cell**

