International Experience
China 2015

Mat Wymore
WESEP/ECpE
Where/What

- Dalian University of Technology
  - Two months at the School of Software
How did I get the opportunity?

• Worked with visiting professor from DUT
• Colleagues of my professor
• Ongoing project I could help with
• Plenty they could help me with
• Other wind activities
How did I get to China?

- Applied to Dr. McCalley/WESEP with a letter
- Applied for visa in Chicago
- Got flights through Barb
How did I survive in China?

- Everyone at DUT spoke English
- Housed in visiting scholar apartments
- The food was good
Research

• Mutual benefit arrangement
• Helped them with an acoustic sensor network project
• Helped me develop ideas that will be part of my dissertation
• Got some practical experience
Outcomes

• Their project => paper accepted at major communications conference
• My project => paper in progress => dissertation
• Connections
Other activities

- Toured and talked with DUT’s power systems department
Other activities

• Visited Northwestern Polytechnical University
Other activities

- Visited SpectraQuest’s Shanghai office
Activities that didn’t work out

• Wind farm visit (freak accident)
• CWEA (nonresponsive)
Conclusions

• Opportunities come from all directions
• Planning ahead could have been better
• Just being there is beneficial
• Connections are the most important result
China’s wind industry

• Similarities to U.S.:
  – Growing (20 GW installed in 2014)
  – Production/consumption geographic mismatch

• Differences from U.S.:
  – Offshore growth
  – State-owned manufacturers
  – Eminent domain is not an issue
  – Quantity, not necessarily quality
  – Environmental issues are visible
Dalian
North Korean border (Dandong)