Sharing Lectures

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Jonathan Weaver – UDM
What if?

- You delivered your best lecture to students at SLU without leaving your office.

- What does it mean to you?
Sharing

- Donating your time and sharing your expertise to an unknown student group
- Developing your own toolkits
- Helping the network
Own the place

- Phone/cell phone
- Door
- Laptop on power and not on battery
- Audio check
- Print copies of the slide

What is missing?
Other side

- Cell phones off
- Computers off
- Arrange students in groups
Establish Credibility

- Students don’t know you
- Students don’t see you (or your dress)

• How?
Establish Credibility

- Introduction
- Good slides
- Current examples
- Breadth of knowledge
- Discuss your expertise
- Show passion
Make a Connection

- Connect with the students
  - KEEN at your school
  - Weather
  - Ask for their names
  - Ask about their projects

- Don’t think distance prevents connection.

- Have a video/pictures so that you know each other.
Engage Students

- Let students run the interaction at one end
- Ask frequent questions (to check whether they are following or not) – Remember you don’t see their faces
- Have specific two minute activities at regular interval (approximately 8 min instruction & 2 min active learning)
Be Redundant

- Be redundant to some degree.
- Summarize at the end – to make sure that they understand the concepts.
- Verify that they learned the key points.
Benefits to Students

- Get a different type of examples from a different geographic region
- Different from regular lecture
- Get a different perspective
What Can We do together?

- Jonathan Weaver
  - Trimming Technique
  - Biomimicry
  - Bisociation
  - TRIZ

- Sri Condoor
  - A framework for Innovation – Efficiency, Economy & Elegance
  - Radical Innovation – Resolution of Conflicts
  - Innovation – A Nonlinear Process
  - Parameter Analysis Methodology for Concept Discovery and Development