Notes from Day Two:
What does it mean to transform engineering education - Visioning?

**Vision of Transforming Engineering Education (Brainstorming Session)**

“Desire culture of faculty actively improving teaching in scholarly way, by actively engaging students.”

Problem Solvers
Critical Thinkers
Assess Risks
Scholarly thinker (Teaching and Learning)
Engaged at various levels – faculty and students

Practical
Diversity
Inclusiveness
Stop disengaging others and adding to dropouts
Discipline Integration – work with others (disciplines) to solve societal problems and broaden education

Transformation of Teaching Vision – *This should and is the charge*
Multidisciplinary Curriculum – Innovation
Is our institutional structure working?
Culture Change is Key
  Approach teaching like research
Ability to Adapt
Move Paradigm Shift from *screening* talent to *developing* talent

Move from the “Experts” teaching “Novices” to learning from the classroom dynamics
Faculy need to teach other skills (e.g. teaming) that they may not be the experts
Teach to students strengths. Don’t mandate a particular template
What is value of having different models for engineers

Vision of Scholarly Teaching
Identifying effective teaching strategies that exist and implement them in our classrooms
Shared Environment
What does an innovative organization or department look like in engineering?
What are faculty able to do today?