Live Q&A

Open the Conference App (CVENT)

1 Navigate. Go to the session you are attending.

2 Click for Q&A. Click “Live Q&A”

3 Type. Type your question in the text box and click “submit”
Culture of Innovation

Rodney Boehm

Director of Engineering Entrepreneurship,
Artie McFerrin ‘65 Assoc. Professor of Practice
Innovation
TECHNOLOGY SYSTEMS

SONET

Synchronous Optical Network
WHAT WE’VE LEARNED

● Employers – Beyond Technical Skills
● Students – Something More
● Research – Future Jobs Undefined

Engineering Entrepreneurship needs to lead students from

Concept → Creation → Commercialization → VALUE
Solution Convergence

Solution Convergence

Seeing The Whole
1. What Problem Are You Solving?

Innovation

2. Who Cares?

3. How Bad Do They Care?

4. How Many of Them Care?
My Experience Taught Me

Innovation Requires

- Background Knowledge
- Diverse Experiences And/Or Teams
- Empowering Practice
Preparing For Surgery

You Don’t Want Me To Do Your Surgery!
Curricular and Extracurricular
WHAT IS AN AGGIES INVENT?

Aggies Invent is a 48-hour intensive design experience offered by the Texas A&M University Engineering Entrepreneurship Program. The format of the experience is to engage up to 70 or more students in multidiscipline/multi-level teams in hands-on projects that will push their innovation, creativity, and communication skills.
Build Something Fast!
Intensive Design Experiences

Impactful For

• College Students
• Middle and High School Students
• Post Doctoral
• Industry
What Can We Do

Innovation Requires

• Background Knowledge
  – Training on Tools and Technology
  – Experience Even Better!
What Can We Do

Innovation Requires

• Diverse Experiences And/Or Teams
  – Mix It Up!
  • People, Environments, Visits
  • Customer Discovery
What Can We Do

Innovation Requires

- Empowering Practice
  - Intensive Design Experiences
    - Pressure, Deliverables, Deadlines, Competition
  - Build Confidence!
Research Results

• Build Your Team!
• Share Stories and Get to Know Each Other
  - Tell a Story About Yourself that Illustrates You
  - Describe Your Ninja Skills and How You Like to Work
• Equal Air Time
Managers

Innovation Stops If

• Become Part Of The Team
• Overly Critical
• Too Many Constraints
• Punish Risk Taking
Most Importantly
ENGINEERING ENTREPRENUERSHIP

AGGIES INVENT | ENGINEERING INC. | IFTP | BOSS TALK

SPARK | DISCOVER | PREPARE | LAUNCH