

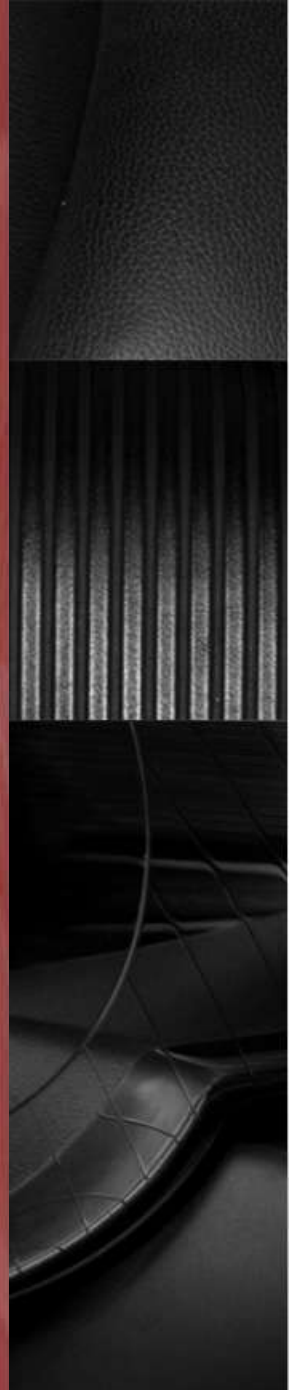
# Creating Innovators

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Chapters 3 and 4

October 7, 2015

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# Why are STEM Innovators Essential to Our Future?

- Why should we focus on starting an Early College with a STEM focus?
- How will our economy evolve over the coming decades?
- How different do we want Montgomery County to look in the future?



# Table Time

- Take your cards and summarize your young innovator.
- What are the 3 most intriguing facts about the person?
- What are 3 surprises you noticed regarding the person?
- How might their experiences be relatable to our students?



# Shanna Tellerman

- Active and Engaged parents
- Letting children pursue their passion develops intrinsic motivation
- Impact of project-based learning develops purpose from passion
- Innovators are also risk takers. Most will not leave comfortable jobs to pursue their passion
- Runs her own design studio for Autodesk, who acquired her company



# Jodie Wu

- Public school student who attended a science and technology magnet school
- Strong emphasis on project-based learning
- Always seems to be that one course or one teacher....
- Background may be different but the influences remain the same, often a teacher that helps enable success
- Owns Global Cycle Solutions in Tanzania



# David Sengeh

- Immigrant to our country, the youngest of 5 children
- Coming from Sierra Leone, his ideals of play, passion, and purpose were slightly different even though he came from a prominent family
- Owns a company providing better malaria nets due to his background



# Jamien Sills

- Single parent household
- Developed his passion at a young age
- Persistence and mentorship is a must
- How do we define “success?”



# Social Innovators

- The world still has plenty of people who want to change it
- Play, passion, and purpose still drive social innovators
- Generally, these people are more idealistic than STEM innovators





# Laura White

- Affluent family
- Experiences led to a sense of purpose to help others
- Purpose developed at a generally young age in high school
- Her play was more exploratory



# Syreeta Gates

- Queens, NY native from a single-parent household
- Early play was entrepreneurial
- Social conscience was instilled at a young age
- Mentoring was also very important



# Zander Srodes

- Not all innovators are a fan of schooling or schools in general
- Passion and purpose are the most important things for those from disadvantaged backgrounds
- But innovating components of the learning process remains important



# Wrapping Up...

- What does innovation in education mean and what is the ultimate expected outcome?

<https://www.youtube.com/watch?v=-7fYFf34jCk>



# Conclusion

- Comments
- Questions
- Concerns