Common Purpose

Brenda D’Angelo and Scott Bourns

How Development Partnerships Create Shared Benefits
Who are we?

Brenda D’Angelo
Director of Student Services and Registrar
Cornell Graduate School

Scott Bourns
Product Manager, Sr.
ProQuest
The Beginning
Integrate faculty review and approval process and university information systems with ETD Admin workflow
IF NO NEWS IS GOOD NEWS,

IS ALL NEWS BAD NEWS?
The Approach
Typical product creation

IDEA → SPECS → BUILD

ITERATE → FEEDBACK

https://medium.com/@sourjayne/prototype-thinking-the-next-evolution-in-lean-startup-db9260ff7a70
Typical results

1. How the customer explained it.
2. How the project leader understood it.
3. How the analyst designed it.
4. How the programmer wrote it.
5. What the customer really wanted.

https://skipwalter.net/2012/02/05/walters-laws/
Not a new problem

University of London Computer Center Newsletter, No.53, March 1973
A better way

IDEA → SPECS → BUILD

ITERATE FEEDBACK ITERATE FEEDBACK

(Product Discovery) (Product Optimization)

https://medium.com/@sourjayne/prototype-thinking-the-next-evolution-in-lean-startup-db9260ff7a70
More agile

- Individuals and Interactions
- Working Software
- Customer Collaboration
- Responding to Change

- Process and Tools
- Comprehensive Documentation
- Contract Negotiation
- Following a Plan

http://agilemanifesto.org/
Getting Started
Getting on the same page

IDEA ➝ SPECS

ITERATE ➝ FEEDBACK

(Product Discovery)

YOU ARE HERE

https://medium.com/@sourjayne/prototype-thinking-the-next-evolution-in-lean-startup-db9260ff7a70
The purpose of this sequential explanatory mixed methods study was to determine if there was a relationship between South Georgia’s law enforcement officers’ three leadership characteristics (role modeling, strictness, and openness), ethical leadership, and job satisfaction, in addition to understanding South Georgia’s law enforcement officers’ perception of how their immediate supervisory’s ethical behavior and leadership characteristics impacted the work environment’s job climate and their job satisfaction. The correlation approach was used to analyze the quantitative strand and the case study approach was used for the qualitative strand. The sample for the proposed study was drawn from a police department in the southeast region of Georgia. The officers were employed for at least one year. The following statistical tests were performed to analyze data from the quantitative strand: Pearson Product-moment correlation analysis, Bartlett test, KMO test, factor analysis, Cronbach’s alpha test, Alpha Test, and Tucker-Lewis Index. Manual coding and categorizing was used to analyze data from the qualitative strand. There was a significant relationship between leadership qualities, ethical leadership, and job satisfaction. The following themes and supporting categories emerged: change (resistance and criticism),
Seeing is Believing

While you're here, you can get a feel for the campus culture, see many of our facilities, meet current students and faculty, and explore the university's lively community on and off campus.
Ethical Leadership and its Impact on Role Modeling, Strictness, Openness, and Job Satisfaction of Law Enforcement Officers

Author: Gaither, Rufus B.
ID: 13498
Status: Committee Review

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<th>Email</th>
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<th>Last event</th>
<th>Administrator proxy actions</th>
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Institution Name

FILTER YOUR VIEW

Department
- Select all
- Accounting
- Aeronautics
- Adult Education
- Aeronomy
- Aerospace Engineering
- Aesthetics
- African American Studies
- African History
- African Literature

Approval status
- Select all
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- In review
- Rejected

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### Ethical Leadership and Its Impact on Role Modeling, Strictness, Openness, and Job Satisfaction of Law Enforcement Officers

**Author:** Rufus B. Gaither  
**EID:** 134858  
**Status:** Committee Review

Review the details listed below. If you believe they reflect the work you accepted earlier, then select Approve. If not, then select Reject and enter your reasons for rejection.

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155 user stories later....
Development
Does it work?

Photo by Jerry Meredith
Success!

“Delightful.”

“Nice. Very nice.”

“Piece of cake.”
Going live

YOU ARE HERE

BUILD

ITERATE

FEEDBACK

(Product Optimization)

https://medium.com/@sourjayne/prototype-thinking-the-next-evolution-in-lean-startup-db9260ff7a70
Key Takeaways
Things we did right – Commitment to approach

Instead of saying "Boo" for Halloween

Yell something scarier like, "Commitment", or "College Tuition"
Things we did right – Trusted in the approach

“TRUST ME, YOU CAN DANCE.”

-MARGARITA
Things we did right – Flexibility with approach

T-Rex Hates Chaturanga

https://www.doyouyoga.com/9-hilarious-yoga-memes-to-cheer-you-up-29825/
Things we did less right – Forgot some things

We didn’t think of (or remember) everything.
Things we did less right – Document

We didn’t document some things we should have.
Shared benefits

- A system designed for use
- A flexible, repeatable process
- An enjoyable and rewarding experience!
Ensure everyone is committed to approach

I WANT TO GET A TATTOO

BUT I DON'T EVEN LIKE BUMPER STICKERS

https://imgur.com/gallery/JjiIAwm
This takes real partnership from both sides

https://funny-lover.com/partnership-give-half-fish-ill-tell-mom-let-live/
Strike a balance between agile and traditional

- Resist the urge to document everything
- Allow for requirements to surface during prototyping
- Be prepared to change

http://indulgy.com/post/NHKc0KqA61/​funny-squirrel-good-balance#bertha/from/69947885001
Walk the talk

Questions?
Thank you!