Knowledge is Power
Power Tools to increase productivity

Adventures in Automation

Luke Chandler
University Services Executive Officer
What does disruption look like?
Tools to increase productivity

Handsaw
Less productive
More flexibility

Circular Saw
More productive

Saw Mill
Less productive

flexibility
“Just bring the wood to the saw mill and we can automate the chopping process”

“We can’t support wood that’s not bought to the saw mill for chopping”

*available in 2018, cost $15m
“The wood has to go on the truck and it has to be a specific width and length.”
“Sorry we don’t support trees”
Power tool solutions

The right tool for the right job
Productivity tools

Manual tools

Power tools

Enterprise tools

Good for small things

Good for turning small things into BIG things (later)

Good for BIG things
How to NOT to build a prototype power tool

“As is” process mapping

Business Requirements

Functional Specifications

Test Plans

User Guide

Technical Documentation

Hazardous waste
What does disruption look like?
What is happening in University Services?

1. Service improvement using **lean** and **agile** methodologies are underway

2. University Services are starting to learn how to **innovate** and build **prototypes**

3. We are identifying what our service **gaps** are and we are working on a plan to **fill** them
Behind the Scenes – Processes and Systems to strengthen relevance and impacts  
(2:05 to 2:50 pm)

Form Processing made Smarter  
James Taylor, Eric Nyachae

Want to know more about forms? A showcase of several simple forms already operating within the University that may provide solutions to quickly solve common issues in the Academic Divisions. Issues such as collecting student details, helping staff track students’ progress in a process and eliminate the manual processes such as emailing students and updating reports. We highlight the capabilities of the ICAT Support and Development team in their ability to help staff perform their day to day tasks easier, faster, and with greater accuracy.