



# Beyond Academia

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# Today's Topics

- Why Am I Here Today?
- Brilliant Research...What Could Be Better?
- Creative Destruction...You Might Be the One!
- A Few Stories...Career Inspiration
- Resources

# Ventureprise Overview

- Ventureprise Inc. is a non-profit with substantial UNC Charlotte financial support
  - Board of directors includes community stakeholders
- Goals
  - Strengthen Charlotte region's entrepreneurship and innovation ecosystem
  - Assist in development of UNC Charlotte entrepreneurial support for students and faculty
  - Provide business assistance to innovation-based entrepreneurs at startup and early growth
- Serve Innovation-Driven Enterprises (IDEs)
  - Emphasizing UNC Charlotte expertise (Adv. manufacturing, computing & informatics, energy, high tech)
  - PORTAL Building



# Doctoral Degree

## What Were You Thinking?



# Research

## How to Make the World Better?

# Innovation Defined



➤ *the act of introducing something new: something newly introduced*

The American Heritage Dictionary

➤ *the introduction of something new; a new idea, method or device.*

Merriam-Webster Online

➤ *change that creates a new dimension of performance*

Peter Drucker

# Disruptive Innovation



- Disruptive Characteristics
  - Cheaper
  - Simpler
  - Smaller
  - More convenient
- Examples
  - Cell Phone & Skype vs. Land Line Phone
  - Netflix vs. Blockbuster
  - Apple products generally
  - Nucor minimill vs. US Steel

Source: Clayton Christensen

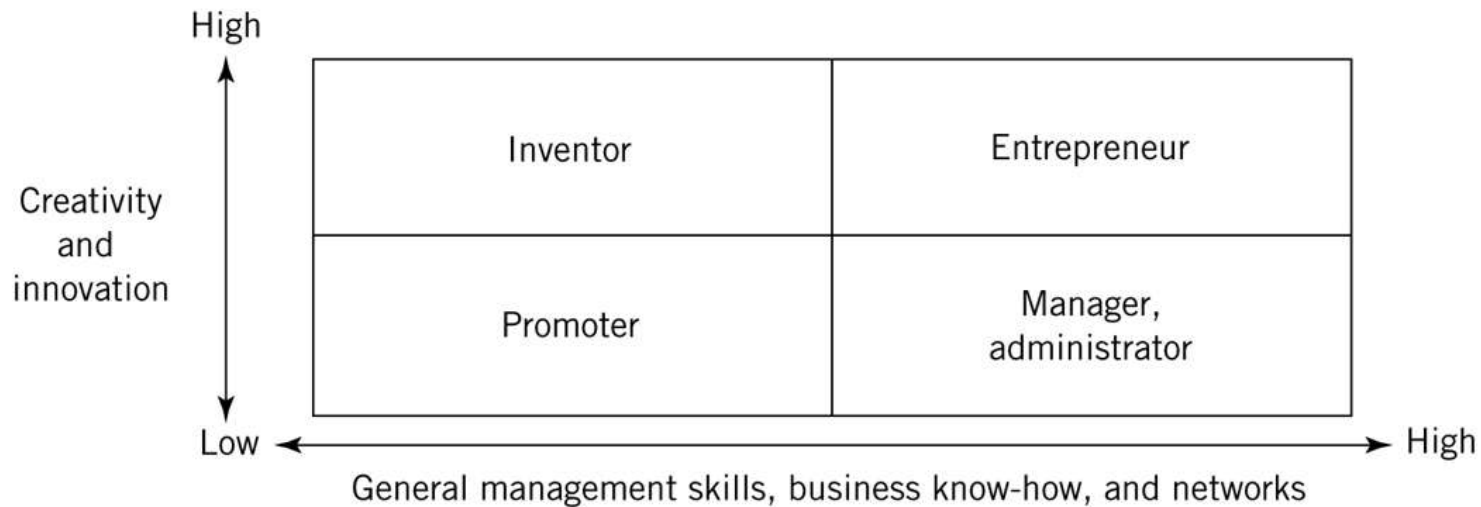
# Entrepreneurship

- Ability to create and build something from practically nothing
  - Timmons (2000)
- Creation of an economic organization for gain under conditions of risk
  - Dollinger





# Who Is The Entrepreneur?



Source: Timmons and Spinelli

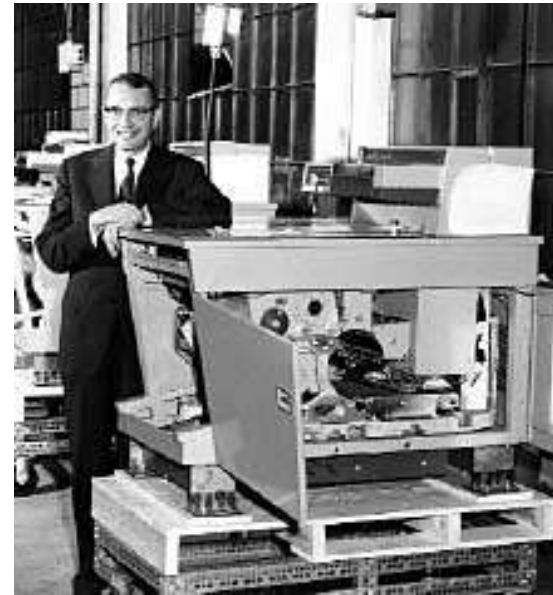
# Inventors and Entrepreneurs



**Chester Carlson**



**Joe Wilson**



# College Student Loves Flying



**FedEx**®

# Fiancée Pez Collection



# Not Just Technologists!

- Wendy Kopp, BA
- Kay Hammer, PhD
- Geoff Canada, BA, M.Ed.



TEACHFOR  
AMERICA

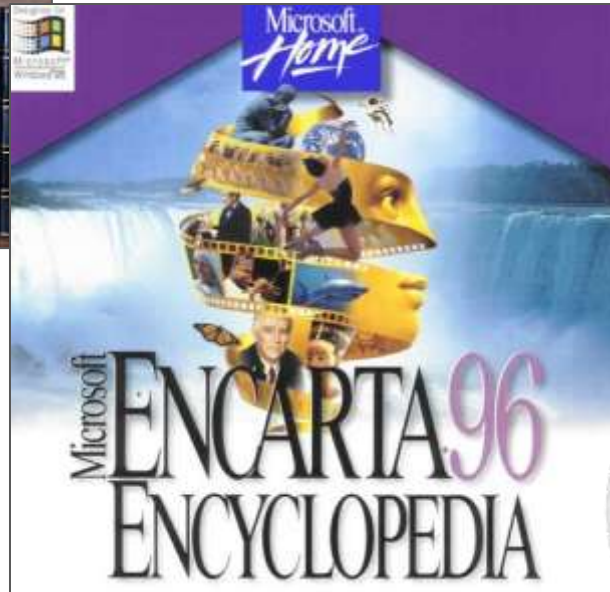


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Harlem Children's  
ZONE

# Creative Destruction



**WIKIPEDIA**  
The Free Encyclopedia

# UNC Charlotte Research

- Digital Optics
  - Dr. Michael Feldman
- InfoSense
  - Dr. Ivan Howitt
- CanDiag
  - Dr. Pinku Mukherjee
- i-Corps Teams
  - Dr. Na Lu & Ceto Tech
  - Dr. Ed Stokes
  - Dr. David Wilson, Dr. Celine Latulipe, Sybil Huskey





# PORTAL Building Overview

- Building Use

- Tech Transfer
- Meeting rooms & food service
- CRI SCIF 10K SF
- CRI Corporate Partners 22K SF
- Ventureprise 25K SF
- Student Business Incubator



- CRI SCIF

- Sensitive Compartmented Information Facilities
- Classified research (fully shielded DCID 6/9 standard)







- CRI Corporate Partners

- Established businesses mid to large
- \$5+ mil. research spend with UNCC



# The Big Picture



-  Innovation vital to our economic strength
-  Disruptive innovation increases productivity and standard of living
-  Startup companies disrupt...  
creative destruction
-  Startup companies drive U.S. job growth

# Questions?



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