

# Designing the future

Humera Fasihuddin



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Co-Director, University Innovation Fellows Program

Hasso Plattner Institute of Design (d.school)

School of Engineering, Stanford University

<http://universityinnovationfellows.org/about-us/team/>



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A large group of University Innovation Fellows posing for a group photo in a modern, multi-level building. The group is diverse in age and ethnicity, and many are wearing black t-shirts with the University Innovation Fellows logo. The text "university innovation fellows" is overlaid in white, lowercase letters. To the left of the text is a graphic of a network of white dots connected by lines, resembling a molecular structure or a network diagram.

# university innovation fellows





UIF empowers students to become leaders  
of change in higher education



Fellows create learning opportunities for students and others to engage with innovation, entrepreneurship, design thinking and creativity



# University Innovation Fellows





# What distinguishes **innovators**?



Example: **Larry Page and Sergey Brin**  
Google Co-founders

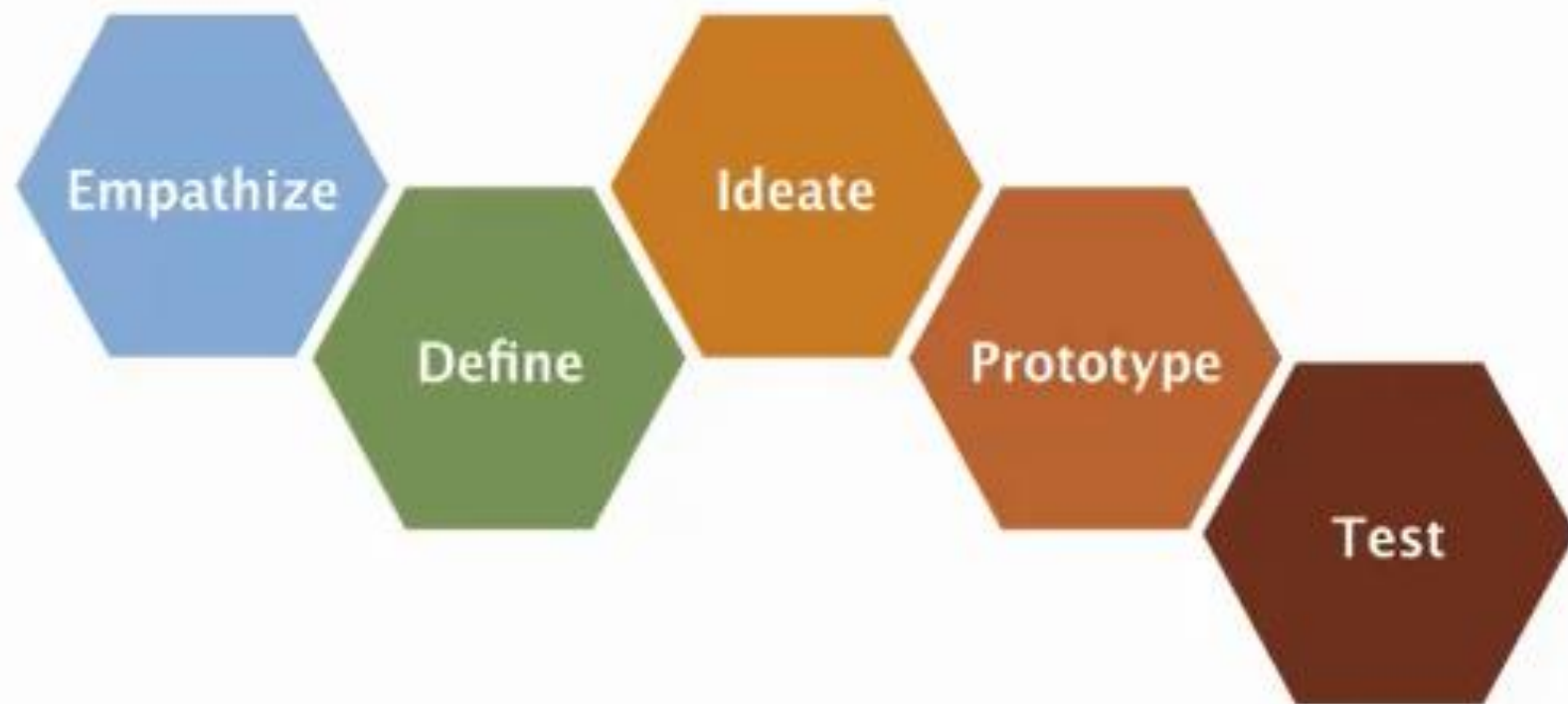
CREATIVE

CONFIDENCE

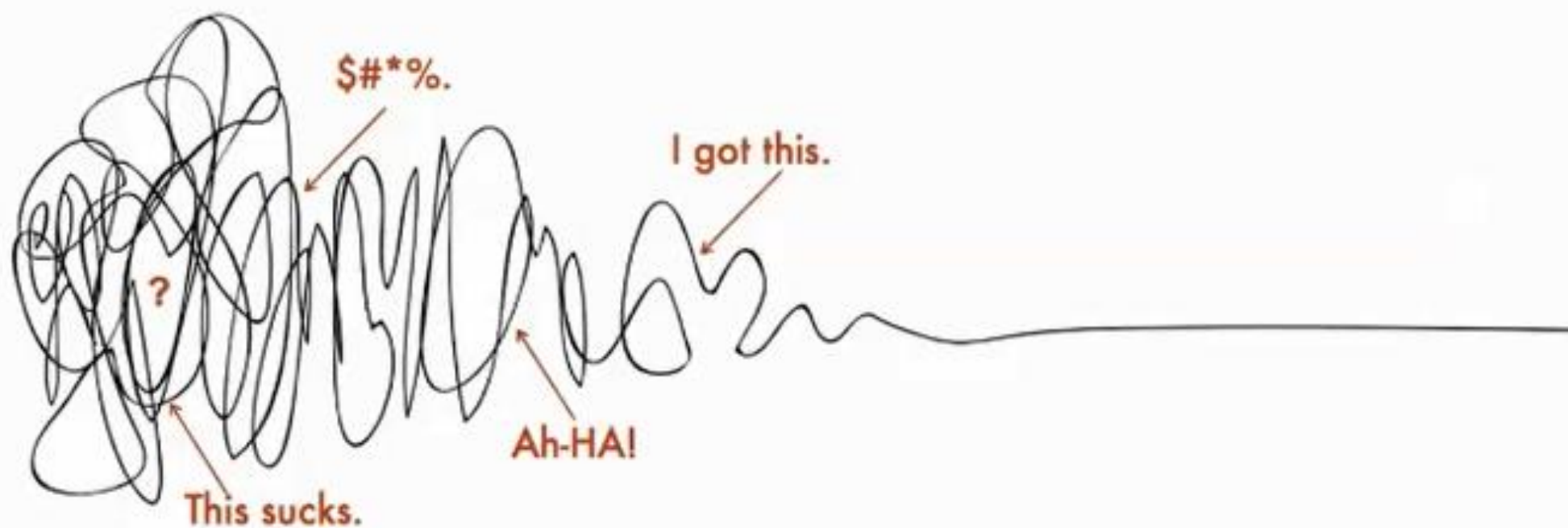




# Design thinking



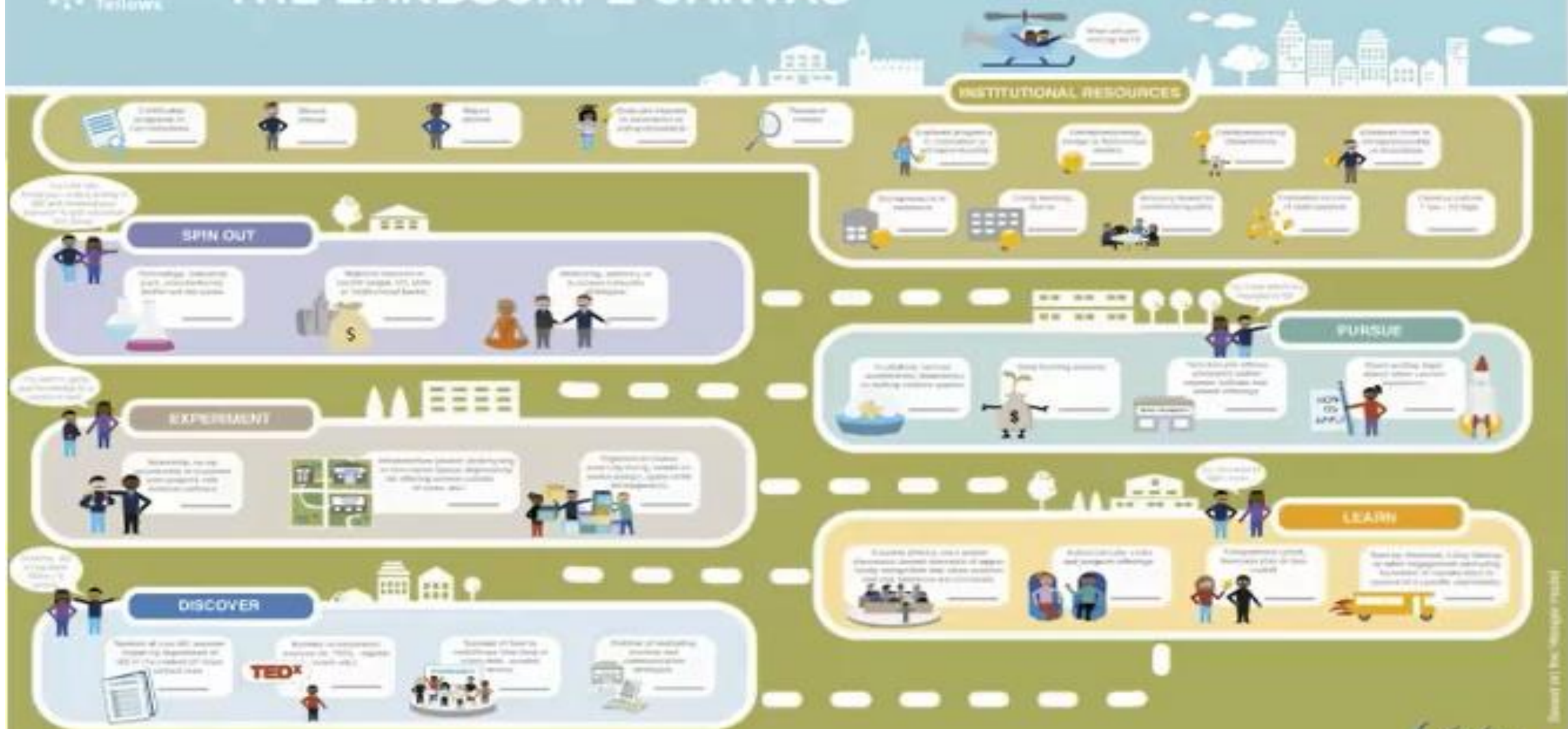
# Design thinking







## THE LANDSCAPE CANVAS







the  
alley

Designing for Change: Using social learning to understand organizational transformation Paperback – March 16, 2019

Look inside



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Designing for Change brings to life decades of research in social learning theory by Beverly and Etienne Wenger-Trayner. This book is a case study of the University Innovation Fellows student program, an example of how their theories have played out in higher education. While learning has historically been associated with mental acquisition of a curriculum, schools today are recognizing that our young people must graduate prepared to tackle complex, real-world problems that are rarely found in textbooks. How might higher education change in order to provide students opportunities to gain these necessary skills and mindsets? The social learning framework in this book is brought to life by stories and data from a program that has pioneered a novel approach to transforming colleges and universities.

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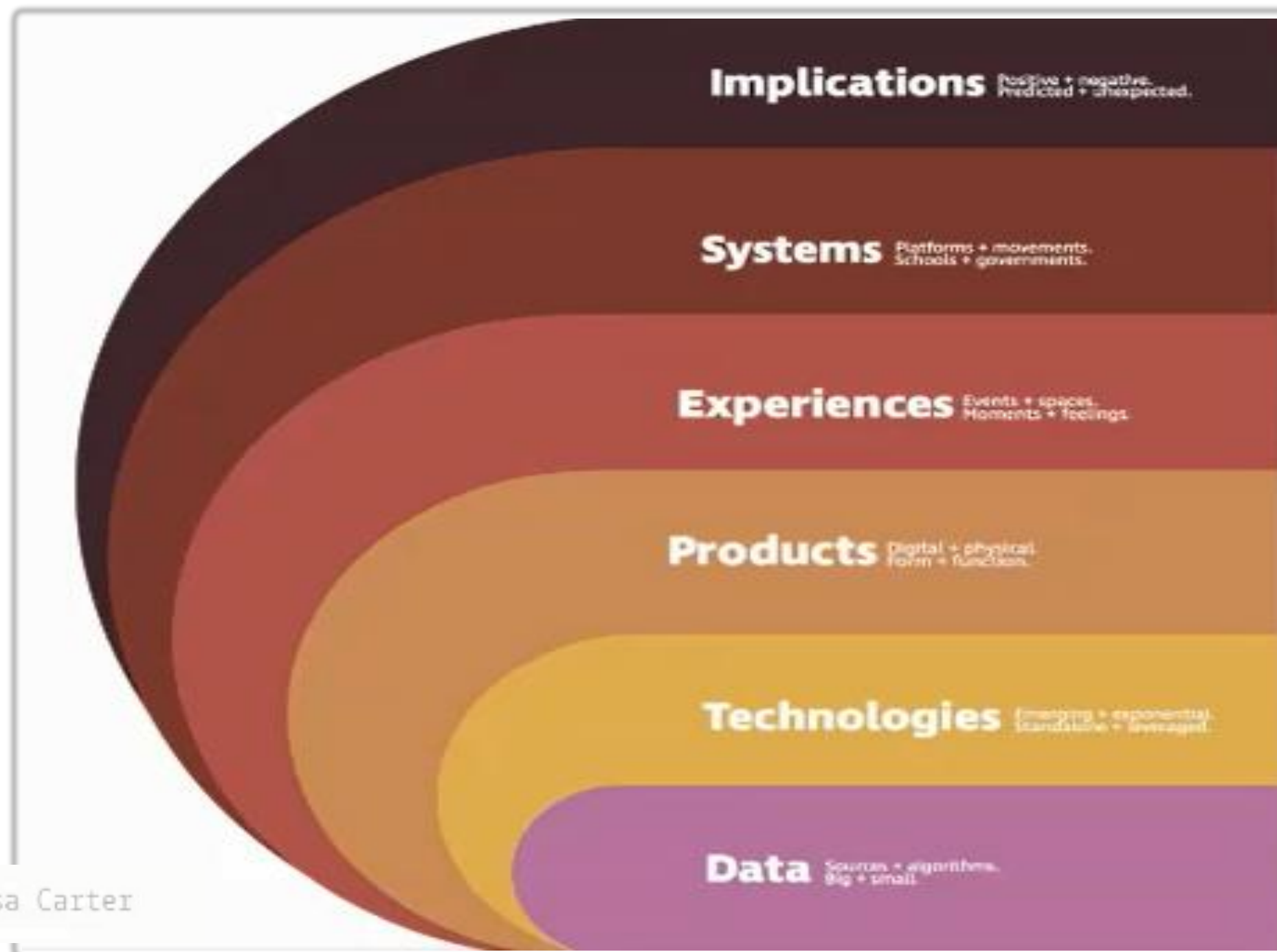
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# How Social Learning Creates Value





Graphic by Carissa Carter

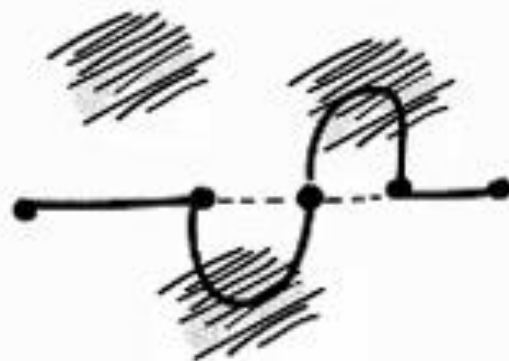


# **ENDURE** *ambiguity*



Ambiguity happens to me,  
and it's antagonistic to  
my goals.

# **ENGAGE** *ambiguity*



Ambiguity is something  
I can engage. It can be  
helpful or detrimental.

# **EMBRACE** *ambiguity*



Ambiguity is ever  
present and I can use  
it to my advantage.

How will you prepare  
your students (and  
yourself) to design an  
imaginable future?



# University Innovation Fellows (UIF) Program

## March/April 2021

Universities nominate team of up to four students, at latest in their junior year

Interview

## June/July 2021

Acceptance

Pre-work

## September 2021

Six-week online training

- Design Thinking
- Landscape Analysis
- Lean Startup

## October 2021

Launched as UIF, press release, recognition

Students make impact on campus

# University Innovation Fellows (UIF) Program

March/April 2022

Silicon Valley Meetup (COVID-permitting)

Students continue making an impact for as long  
as they are students



# Type of impact UIF make



The UIF team at K25 Google Institute of Technology organized a workshop in November 2016 called "Mind Kraft" that focused on creative thinking and team building.



Carlene's Bai and Amelias Niles at Duhouse University ran a pop-up innovation workshop, where students had a chance to learn about the fundamentals of design thinking through an innovation challenge.



Fellows at KI University in India hosted an event series called Inspire Hour, which helps students learn the fundamental skills required for innovation: idea generation, startup establishment, and more.



Angelica Wilks of North Carolina A&T State University hosted an event called STEM Girl Magic. Fifty participants took part in a design thinking workshop to redesign a wearable fashion or technology. [More »](#)



Fellows from Kookmin University held the Entrepreneurship & Innovation Convention in April 2017. The event featured speakers, collaborative workshops, networking sessions, and interaction with other entrepreneurs and innovators. [More »](#)



In November 2016, Selma Dogan from Duhouse University held a series eight of free entrepreneurship and innovation workshops with 30-40 attendees each week.



In March 2016, Fellows at Universidad del Turabo, Puerto Rico, mentored at a Startup Weekend event. They followed up this event with a workshop to cover the first three steps of design thinking process for first-year students.



Shvankha Shah from JSSATE Noida, India, held an interactive students event in April 2017 focusing on teamwork, leadership, brainstorming techniques, design thinking, and the business model canvas.



South Plains College Fellows Nancy Munia and Timmy Frisdon hosted the "Kill Your Creative Juices Workshop" in April 2017. They held a series of short, hands-on activities to help students at their school think creatively.



Fellows from Madanapalle Institute of Technology & Science hosted a day-long event that involved nearly 1,000 students. They held activities focused on campus resources, innovation and Google's Android Development course.

# UIF Demonstrate Value

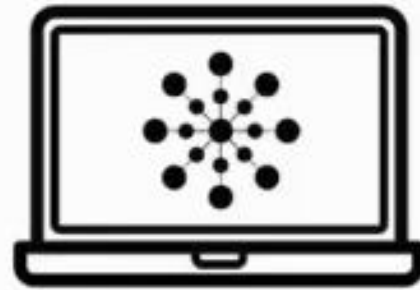




# Pandemic 2020 :: UIF vs Corona



Pandemic 2020 :: Twente-4 led by Team Netherlands



**TWENTE-4**  
HOURS GLOBAL.

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MEETUP | 08/08/2020 | 17:00 CEST



# Thanks!

NO. 7

STANFORD

D.SCHOOL

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