

DATA ENABLES DOING

Public private partnership facilitates rich collaboration

From education to experiential learning, a regional approach to resources enables a pipeline of discoveries and applications in data, ag, health, and food system transformation

<https://foodaghealth.solutions>



THE NEED TO REMAIN RELEVANT

APPLIED research
TRANSLATIONAL science
FIELD studies (ag + ocean)
REGIONAL accelerators
URBAN labs (eg, Sacramento)



10 years ago *Emerging Trend*

Even before COVID, universities were having to expend effort to keep up with data revolution

- Think bioinformatics
- Think R programming
- Think data analytics

5 years ago

Slow but Steady Response

The *Titanic* of institutional administration is a slow ship to turn

- Merit review stands in the way of collaboration
- Peer review delays efficient knowledge translation to practice
- New instructional programs take time to develop and implement

Today

Recognized Need to be Agile

- Although developed in software 20 years ago, education was slow to catch on
- The pandemic has shown that institutions and educators CAN be responsive, but need industry GUIDANCE and regional SUPPORT

COMMUNITIES

SECTORS

REGIONS

effort +
talent

Infrastructure
+ Resources

trials +
access

Know-how
+ Channels

scale

Markets +
Coordination

WORKING TOGETHER TO REALIZE MARKET OPPORTUNITY

Success requires a coordinated effort across geographic and economic scales

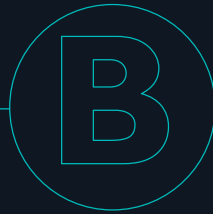
A COORDINATED APPROACH

From campus to commerce



Campus Strategy

- Open up interdisciplinary training across campus (grad & undergrad)
- Tool up entrepreneurial, critical thinking & social networking skills
- Locate educational centers where skills are needed



Experiential Learning

Through immersion programs, expose students to real-life problem solving:

- Ag
- Data
- Community
- Economics
- Policy



Industry Integration with IP

- By establishing a three-pronged approach to tech transfer, provide multiple channels for industry engagement
- Invite industry into research funding opportunities
- Establish off-campus incubator and accelerator network



THANK YOU!

Questions?

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