



1



2



3

Finding the future **FIRST**

LEARNING PARTNERS



A slide titled "LEARNING PARTNERS" featuring four circular portraits of individuals and their respective logos below them. The logos are OSF HEALTHCARE, CAT, and AWS.

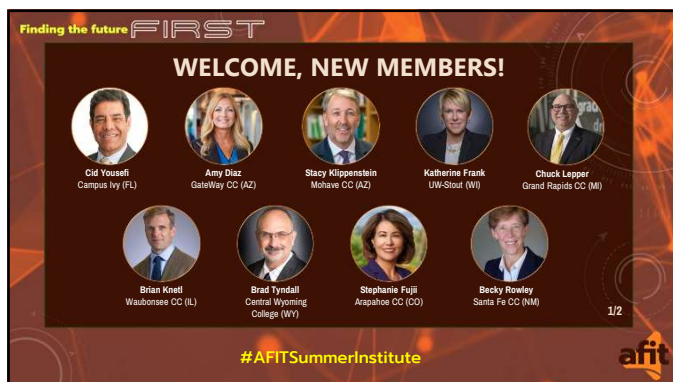
- Lary Keelley**
Innovation Scientist
Keelley Innovations
- Dr. Julie Traenkenschuh**
Director of Performance and Innovation
- Nancy Yaklich**
Sr. Manager, Business Incubation,
Caterpillar
- Dr. Krieti Wellington-Baker**
US Higher Ed Strategy Lead,
Student Experience,
Amazon Web Services

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Finding the future **FIRST**

WELCOME, NEW MEMBERS!



A slide titled "WELCOME, NEW MEMBERS!" featuring ten circular portraits of individuals and their names and affiliations below them.

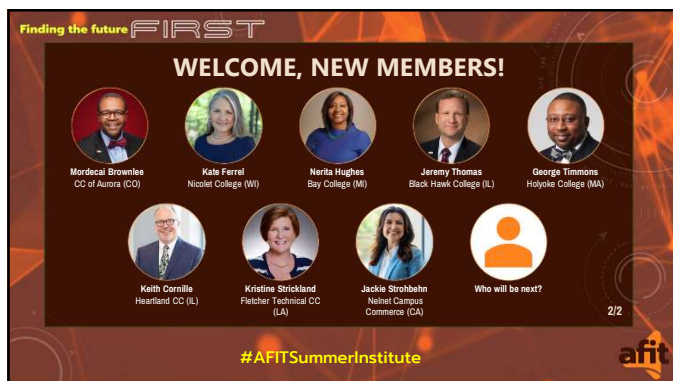
- Cid Yousefi**
Campus Ivy (FL)
- Amy Diaz**
Gateway CC (AZ)
- Stacy Klippenstein**
Mohave CC (AZ)
- Katherine Frank**
UW-Stout (WI)
- Chuck Lepper**
Grand Rapids CC (MI)
- Brian Knott**
Waubesaee CC (IL)
- Brad Tyndall**
Central Wyoming College (WY)
- Stephanie Fujii**
Arapahoe CC (CO)
- Becky Rowley**
Santa Fe CC (NM)

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WELCOME, NEW MEMBERS!



A slide titled "WELCOME, NEW MEMBERS!" featuring ten circular portraits of individuals and their names and affiliations below them. The last portrait is a placeholder icon.

- Mordecai Brownlee**
CC of Aurora (CO)
- Kate Ferral**
Nicollet College (WI)
- Nerita Hughes**
Bay College (MI)
- Jeremy Thomas**
Black Hawk College (IL)
- George Timmons**
Holyoke College (MA)
- Keith Cornille**
Heartland CC (IL)
- Kristine Strickland**
Fletcher Technical CC (LA)
- Jackie Strohbach**
Nelson Campus
Commerce (CA)
- Who will be next?**

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GUESTS | WELCOME, BIBLIU TEAM!

Caiti Tagtmeier
Chief Revenue Officer

Ginny Connors
Sr. Account Executive

John Holdcroft
AVP, Business Development

Mayla Sanchez
SVP, Marketing

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GUESTS | WELCOME, HLC TEAM!

Eva Sitek
Director, Business Development
& Procurement

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THANK YOU, SPONSORS!

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TEAM PRIDE CONTEST

1. Innovation Pitch Competition
2. Best Team Table
3. Most Team Spirit
4. Best Photo Booth Photo
5. Brightest Lightbulb Moment

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Finding the future **FIRST**

DAY 1 – MORNING | PREVIEW

8:50 - 10:35 am | Innovation Fundamentals (Larry Keeley)

10:35 - 10:50 am | Coffee & Tea Break (sponsored by Arizona Western College)

10:50 - 11:50 am | Caring for Tomorrow, Today: Building OSF's Digital Hospital (Dr. Julie Traenkenschuh)

11:50 am - 12:00 pm | Morning Wrap Up (Erika Liodice)

12:00 - 1:00 pm | Team Time and Lunch (sponsored by Western Technical College)

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WHAT IS 'TEAM TIME'?

Dedicated time for:

- Sharing
- Reflection
- Working on activities
- Brainstorming
- Candid conversations
- Team building
- Quality time



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Finding the future **FIRST**

DAY 1 – AFTERNOON | PREVIEW



- 1:00 - 2:30 pm | Innovation in Education (Larry Keeley)
- 2:30 - 2:45 pm | Snack Break (sponsored by Kishwaukee College)
- 2:45 - 3:45 pm | Innovating to Drive Farmer Livelihood (Nancy Yaklich)
- 3:45 - 4:15 pm | Innovation Intent (Larry Keeley)
- 4:15 - 4:30 pm | Day 1 Wrap Up (Erika Liodice)
- 4:30 pm | Team Time

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LARRY KEELEY INNOVATION SCIENTIST

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**COFFEE & TEA
BREAK**




PHOTO BOOTH





RIO SALADO COLLEGE
A MARICOPA COMMUNITY COLLEGE




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DR. JULIE TRAENKENSCHUH
DIRECTOR, PERFORMANCE & INNOVATION

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Caring for tomorrow, today

Building the OSF OnCall Digital Hospital




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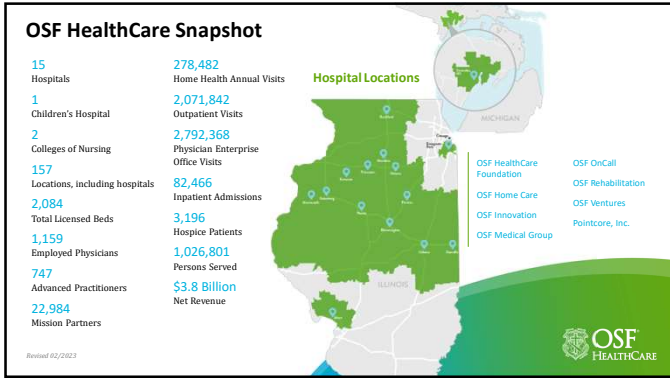


Mission

In the spirit of Christ and the example of Francis of Assisi, the Mission of OSF HealthCare is to serve persons with the greatest care and love in a community that celebrates the gift of life.

OSF HealthCare

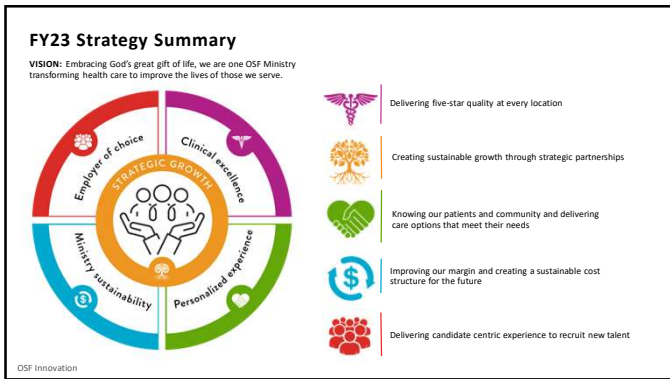
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How we define innovation

The process of translating ideas that align with our vision of transforming health care into value for the benefit of the patients and communities we serve.



OSF Innovation 25

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OSF Innovation structure



Becky Buchen
Senior Vice President,
OSF Innovation



**John Vozzenilek,
MD, FACEP**
Vice President, Chief
Medical Officer, Chief
Innovation & Digital
Health



**Mayank Taneja,
MBBS, MBA**
Vice President,
Venture Investments



Mark Hohulin
Senior Vice President,
Healthcare Analytics

OSF Innovation 26

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OSF INNOVATION

At OSF HealthCare, innovation is essential to everything we do. We inspire, mentor and partner to transform care for patients and providers through strategic solutions designed to connect everyday needs with inventive approaches and bold advances for tomorrow.

-  **Transforming health care**
-  **Taking on the largest health care challenges**

OSF HEALTHCARE OSF INNOVATION osfinnovation.org

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OSF INNOVATION

OSF Innovation

OSF INNOVATION OSF HEALTHCARE

28

How we innovate

Vision: Create, identify and enable strategies, improvements and solutions that advance the transformation of health care, build a sustainable Ministry and foster a culture of innovation.

OSF Innovation 29




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Driving Change

OSF HEALTHCARE OSF INNOVATION

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Getting governance right
OSF Transformation Executive Council (TEC)

-  Advises and provides guidance and decisions related to fulfilling OSF Vision.
-  Helps plan future business models, digital transformation, innovation strategy and is responsible for removing barriers to success.
-  Members include C-suite; Sister leadership; regional CEOs; SVPs of innovation, simulation, digital health, healthcare analytics, IT, legal, marketing, etc

OSF Innovation 31

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Philanthropy

Donor support is critical to funding projects, competitive endowments and fellowships that help clinical and academic investigators get their ideas off the ground.

- Innovation Academic Incubator (IAI) endowed pledge: \$127 million

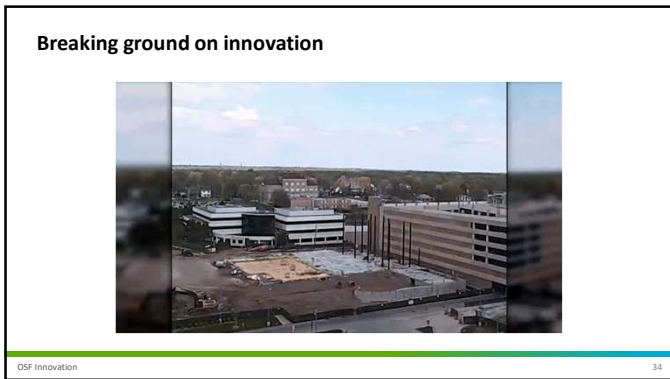
Access to \$5.5 million in annual funding through IAI	\$9.6 million has been tapped to fund 137 projects since 2014	82 OSF clinicians partner with 210 faculty from across strategic partnerships	222 student interns working directly on new solutions
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OSF Innovation 32

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Building a culture of innovation
Dispelling the idea that innovation is limited to one space.

OSF Innovation Studio

- Helps launch Mission Partner ideas (OIM)
- Trailblazer Challenges

OSF Innovations Hubs

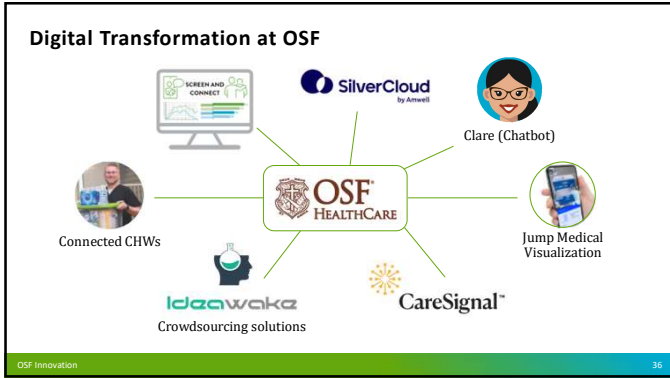
- Three satellite locations engaging local Mission Partners
- Two more sites in development

Innovation Academic Incubator

UNIVERSITY OF ILLINOIS
 UNIVERSITY OF ILLINOIS COLLEGE OF MEDICINE
 BRADLEY University
 UNIVERSITY OF ILLINOIS CHICAGO

OSF Innovation 35

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How might we enable and support individuals in their homes and communities to lead healthy lives?



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2019 Trailblazer Challenge participation



65+ Ideas submitted

170+ Participants

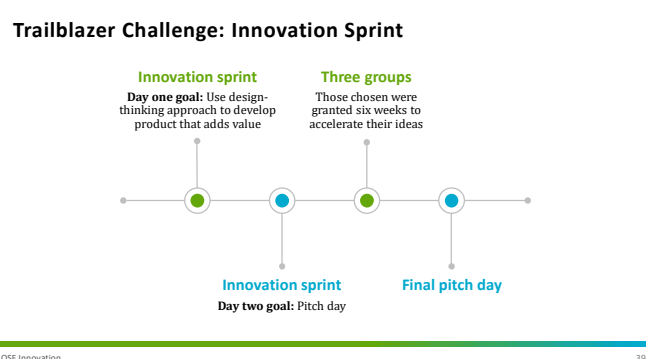
5 Groups selected for two-day innovation sprint

OSF Innovation

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Trailblazer Challenge: Innovation Sprint



Innovation sprint
Day one goal: Use design-thinking approach to develop product that adds value

Three groups
Those chosen were granted six weeks to accelerate their ideas

Innovation sprint
Day two goal: Pitch day

Final pitch day

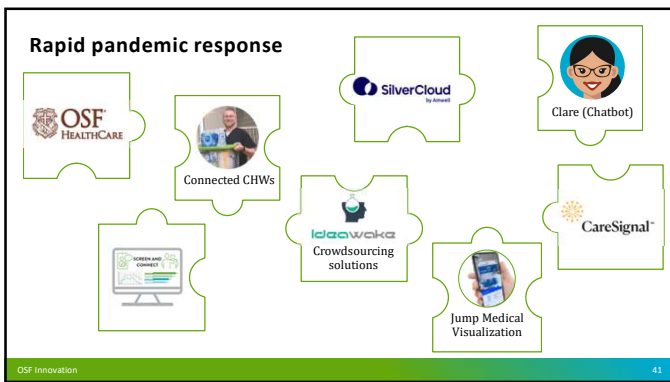
OSF Innovation

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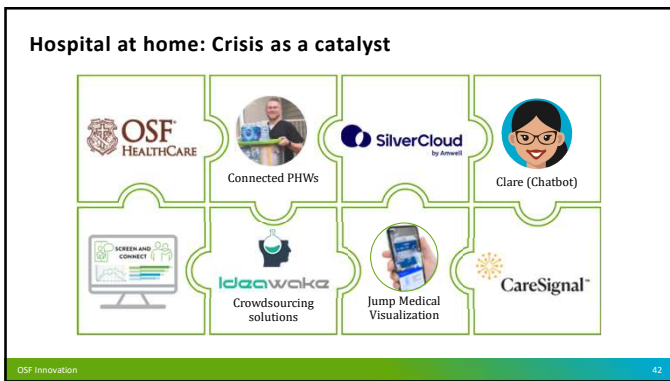
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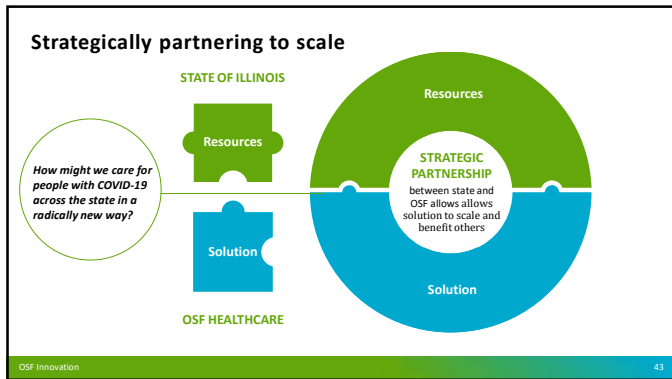
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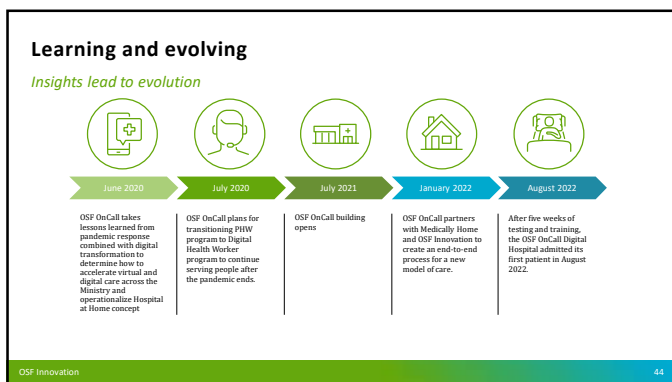
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Bringing care back home

THIS

- Improved comfort
- Better sleep
- Less confusion
- Reduced readmission rate
- Improved access
- Convenient

NOT THAT

- Stress
- More disruption
- Lots of distractions
- Less engagement
- Not home


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OSF OnCall Digital Hospital Outcomes

400+ total admissions	
60+ patients admitted from the ED	
100+ patients admitted from an inpatient floor	
9.8% 30-day readmission rate	
3 days average stay	
0 falls with injury, death or hospital acquired infections	
9/10 star rating overall	<p>National Averages (CDC Website)</p> <div style="background-color: #2196F3; color: white; padding: 5px; margin-bottom: 5px;">15% 30-day readmission rate</div> <div style="background-color: #2196F3; color: white; padding: 5px; margin-bottom: 5px;">5 days average length of stay</div> <div style="background-color: #2196F3; color: white; padding: 5px; margin-bottom: 5px;">28% 65+ falls</div> <div style="background-color: #2196F3; color: white; padding: 5px;">2022 mortality rate 1,043 per 100,000</div>

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Lessons learned



- 1 Digitally connect with and care for patients
- 2 Build it ourselves
- 3 Proactively fulfill patient needs
- 4 Prioritize resources
- 5 Deploy services in an agile manner

OSF Innovation 49

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A look to the future

Secrets to unlocking innovation

- Empower Mission Partners
- Engage senior leadership more efficiently
- Remove red tape
- Foster collaboration in and outside of OSP

With foundation laid and leadership approval


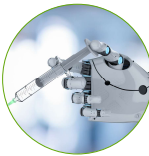

- In position to lead change
- Can better handle new challenges
- Able to care for patients in new ways



OSF Innovation 50

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Imagine...




- Waking up and checking your vitals as you look in the mirror each day
- A robot inserting your IV
- Artificial intelligence being used to predict your health risks and recommend preventive measures

OSF Innovation 51


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Seeds have already been planted


AI
AI equal to and in some cases, better than human at diagnosing diseases




Predictive Models
Developing predictive model to better find the location of lung metastasis



Precision Medicine
Exploring technologies to provide personalized and targeted treatments



Mixed Reality
Creating a mixed reality app to help pediatricians diagnose concussions



OSF Innovation 52

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Excited about the possibilities

- If you want to learn what it takes to run a successful innovation program, please join my breakout session called The Real World Innovation tomorrow at 1:15 p.m.
- Follow our progress to advance care as our OSF Sisters have envisioned at osfinnovation.org.
- Check out our recent podcast episode to hear how OSF Innovation came to be, and where we're going!





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MORNING WRAP UP

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JASON SMITH
VP, STRATEGIC SUPPORT, SOLUTION SERVICES




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Vision
Our vision is an inspiring and infinite world of learning without boundaries.

Mission
Our mission is to provide dynamic, data-informed experiences to the global education community so that learners and educators can achieve their goals.





56

Anthology offers the largest EdTech ecosystem on a global scale, supporting over 150 million users in 80 countries.

Anthology solutions deliver inside and outside the classroom to empower learner success.

Teaching & Learning
Learning Effectiveness
Assessment Management
Accreditation & Self-Study


Enterprise Operations
Student Information & Enterprise Resources
Enterprise Performance

Lifecycle Engagement
Enrollment & Retention
Career Development
Alumni & Advancement

150M+ users

80+ countries

60+ SaaS products



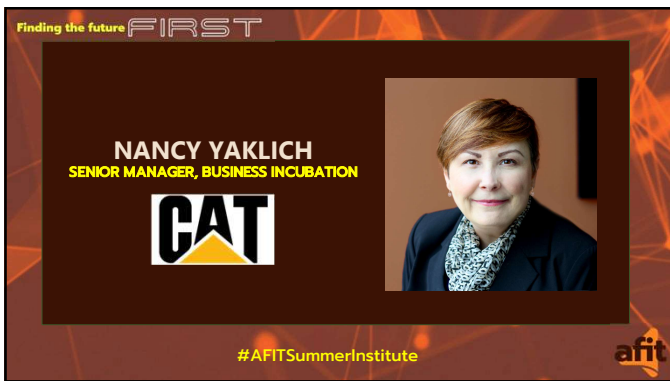
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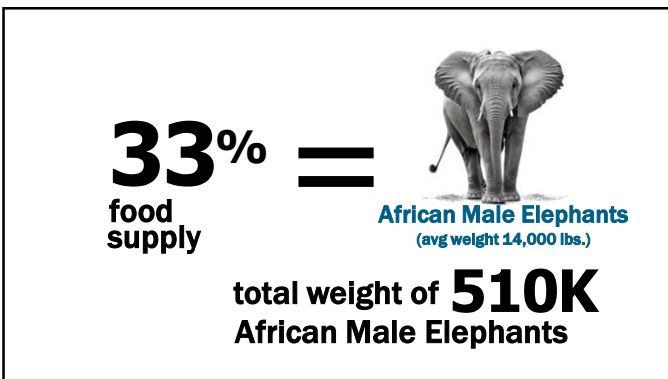
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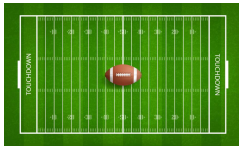
63

600M = 
 smallholder farmers

U.S. Population
 334 Million

1.8x
 U.S. Population

64

>5 = 
 acres

U.S. Football Fields
 1.32 acres

3.5
 U.S. Football Fields

65



Helping the world thrive

Nourish the world in a safe, responsible and sustainable way.

Over 150,000 employees Working in over 70 countries More than 158 years of experience

A trusted partner for food, agriculture, financial and industrial customers in more than 125 countries.


 Agriculture


 Food


 Animal nutrition & protein


 Financial & industrial

66



67

Cargill & IBM: Farmer Livelihood

- 1957 installed its first electronic digital computer, IBM 650
- Analyzed more than 4 million possible outcomes
- Precisely formulate a breakthrough product: Nutrena All-Mash Egg Feed
- Helped farmers raise healthier, larger and more productive chickens at a lower cost
- First formulation completely calculated by the computer—an industry turning point



Cargill Helping the world thrive

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DIGITAL LABS
Preparing Cargill for a digital future.

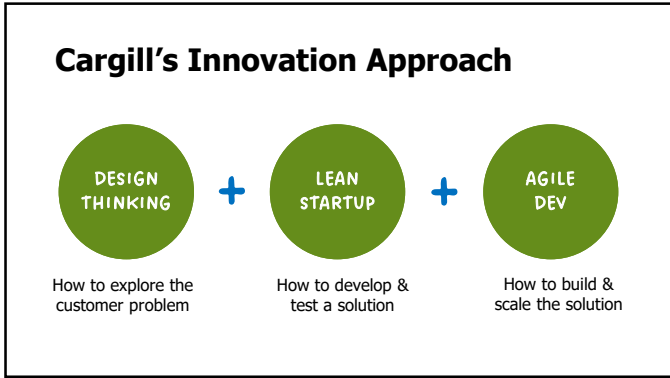


iQuatic



Digital Saathi

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Shrimp Farmer Livelihood in Ecuador

73

Ecuadorian Shrimp Farming

- Shrimp farms comprise 220,00 hectares
- 2nd largest generator of non-oil export earnings
- Employs over 340,000 people, many in poor, rural areas
- Women make up 33% of the workforce




74

Explore Customer Problems



DESIGN THINKING

Conversations and interviews to understand shrimp farmer problems



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Shrimp Farmer Problems

- Weather
- Poor Productivity
- Low Feed Conversion Rate
- Diseases
- Unpredictable Yields
- Resource-intensive Farming



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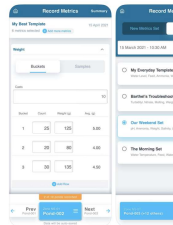
Test Minimal Usable Demo (MUD)



Minimal Useable Demo (MUD)

MEASURE: Form Entries/Day (usage)

Launch and test with select shrimp farmers

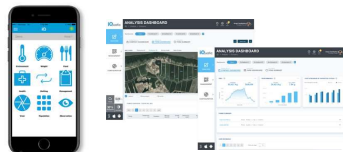


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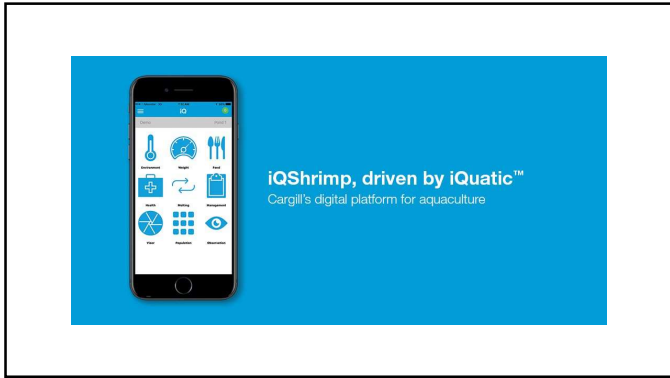
iQuatic Build & Scale



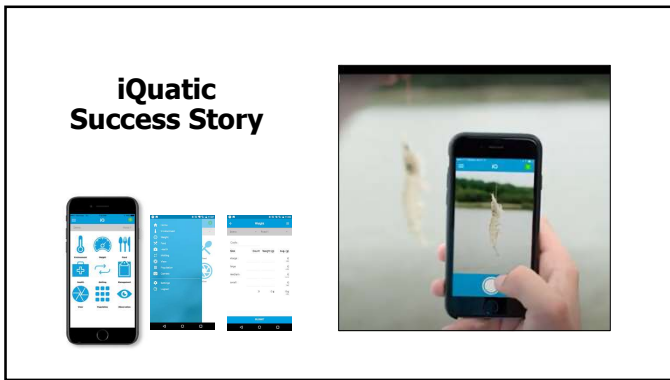
Expanded to all Ecuadorian shrimp farmers AND then Asia



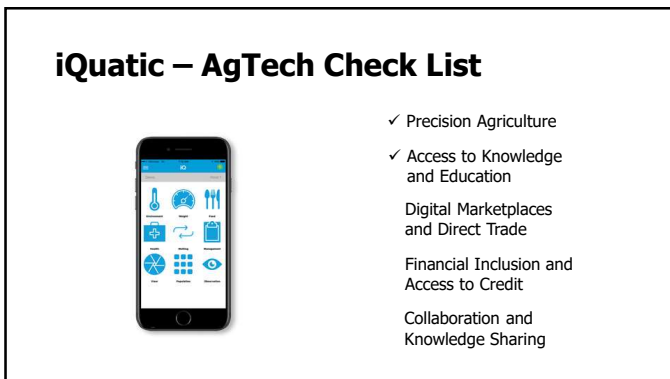
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Crop Farmer Livelihood in India

82


Indian Agriculture

- 17% of GDP is agriculture
- Employs 60% of nation's workforce
- 70% rural households depend on agriculture for livelihood
- 82% farmers are small and marginal
- Cereal-centric (grains)
- Traditional farming practices, are unsustainable




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Explore Customer Problems



Conversations and interviews to understand smallholder farmer problems



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Indian Farmer Problems

- Regionally based markets
- Low Productivity
- Managing drought
- Floods
- Pests
- Unpredictable yields
- Traditional farming techniques
- Farming knowledge



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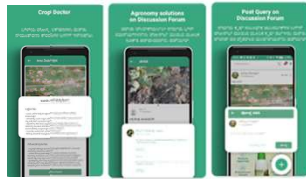
Test Minimal Usable Demo (MUD)



Minimal Useable Demo (MUD).

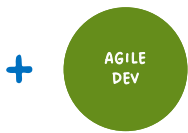
MEASURE: Customer sign ups

Launched and tested in Karnataka

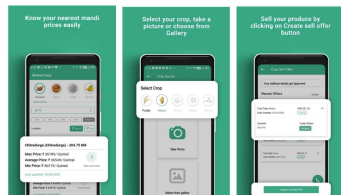


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Digital Saathi Build & Scale



Expanded to 5 other regions



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digital saathi™

Our Premium Features.....

- Community
- Market Price
- Crop Practices
- News
- Insurance
- Credit

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Digital Saathi Success Story



Manjunath Devendrappa

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Digital Saathi – AgTech Check List



- Precision Agriculture
- ✓ Access to Knowledge and Education
- ✓ Digital Marketplaces and Direct Trade
- ✓ Financial Inclusion and Access to Credit
- ✓ Collaboration and Knowledge Sharing

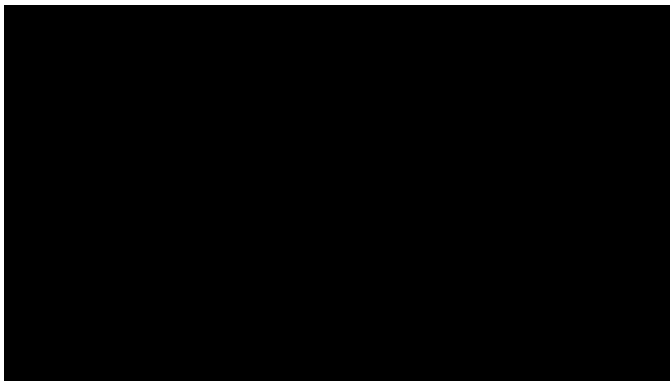
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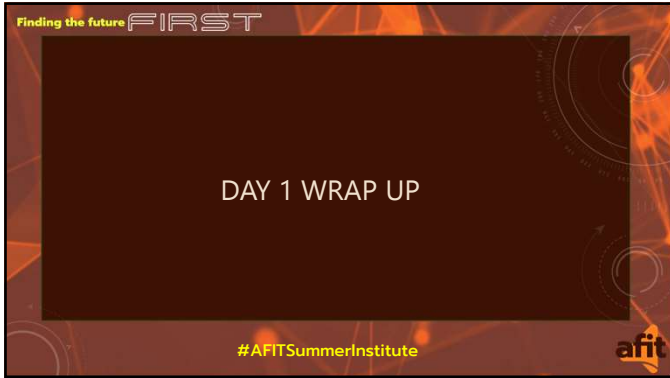
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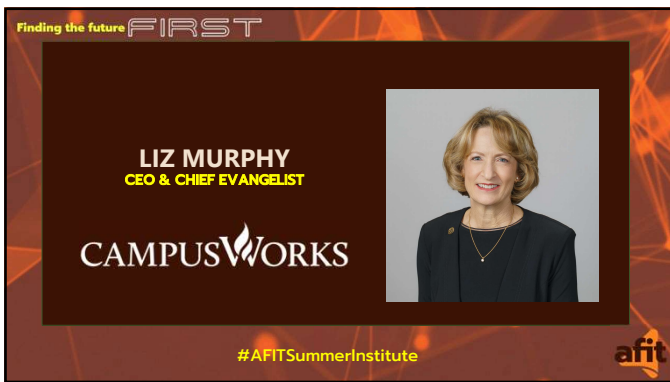
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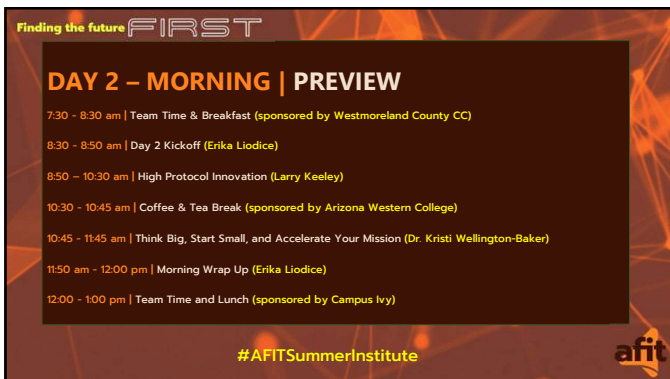
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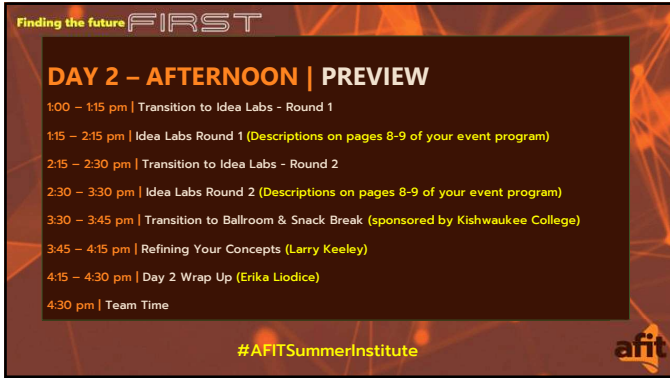
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