



Ohio Third Frontier
Commission Meeting
August 27, 2019

Ohio | Development Services Agency

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Innovation Creating Opportunity

This slide features a blue background with a network of white and blue dots connected by thin lines, forming a map of Ohio. The text is centered in white and blue. Logos for the Ohio Development Services Agency and Ohio Third Frontier are positioned at the bottom.



**Call to Order and Approval of the
04/15/2019 Meeting Minutes**

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This slide features a light blue background with a network of white and blue dots connected by thin lines, forming a map of Ohio. The text is centered in blue. Logos for the Ohio Development Services Agency and Ohio Third Frontier are positioned at the bottom, along with a page number '2'.

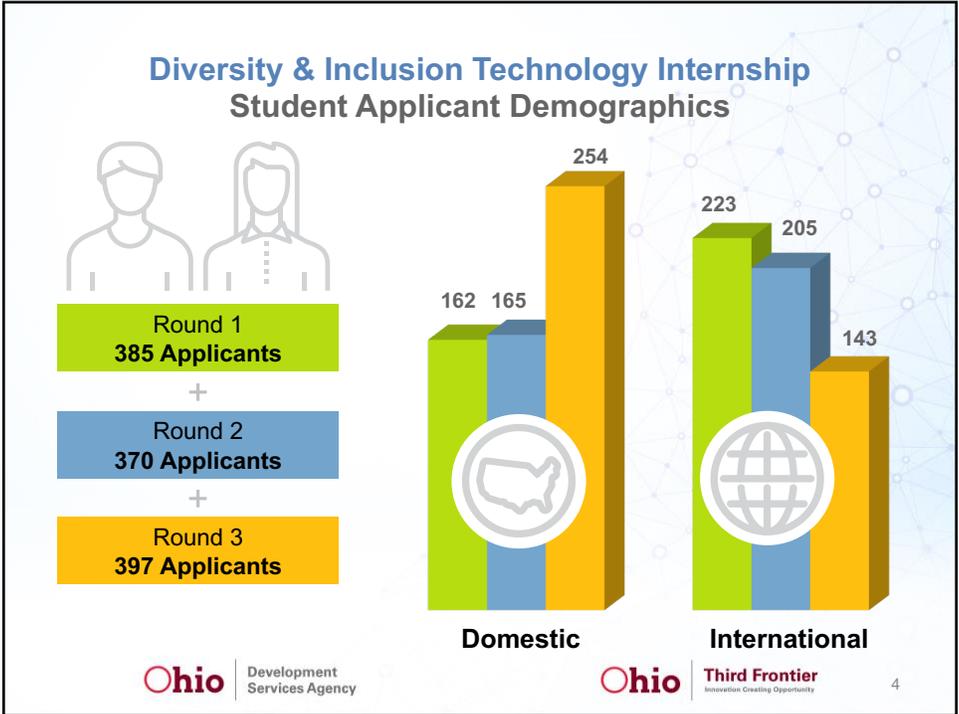
Diversity & Inclusion Technology Internship Update

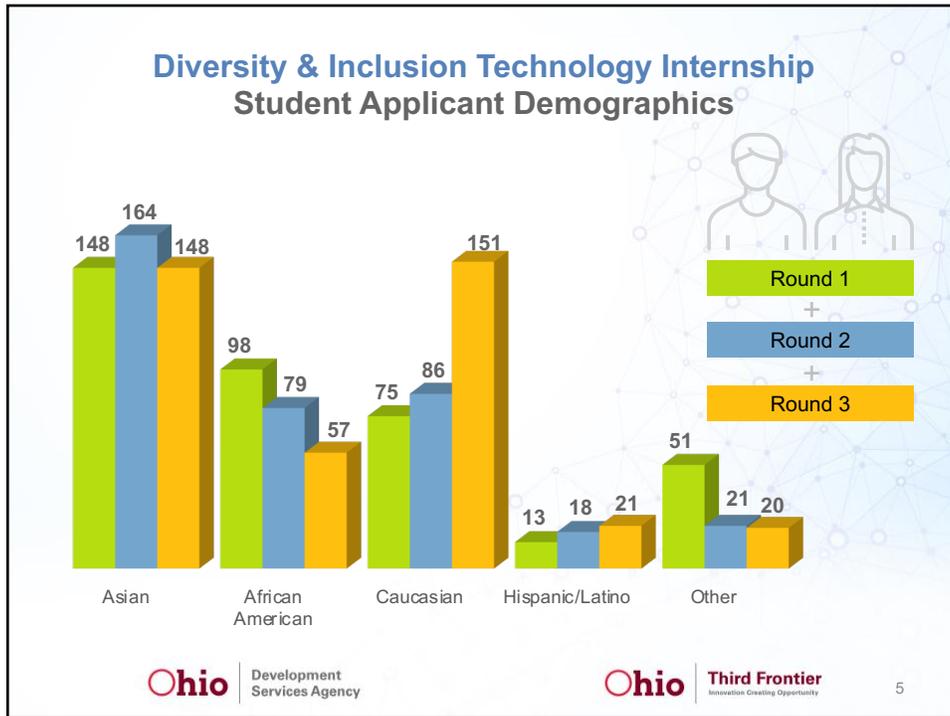
Jason Miller & Ellen Turk
Program Managers

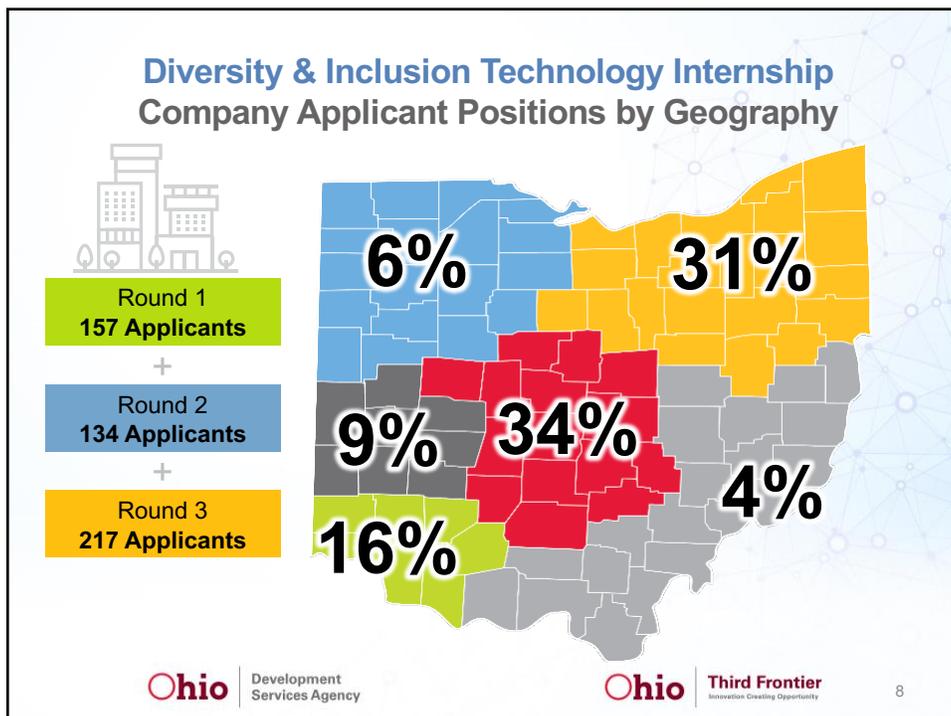
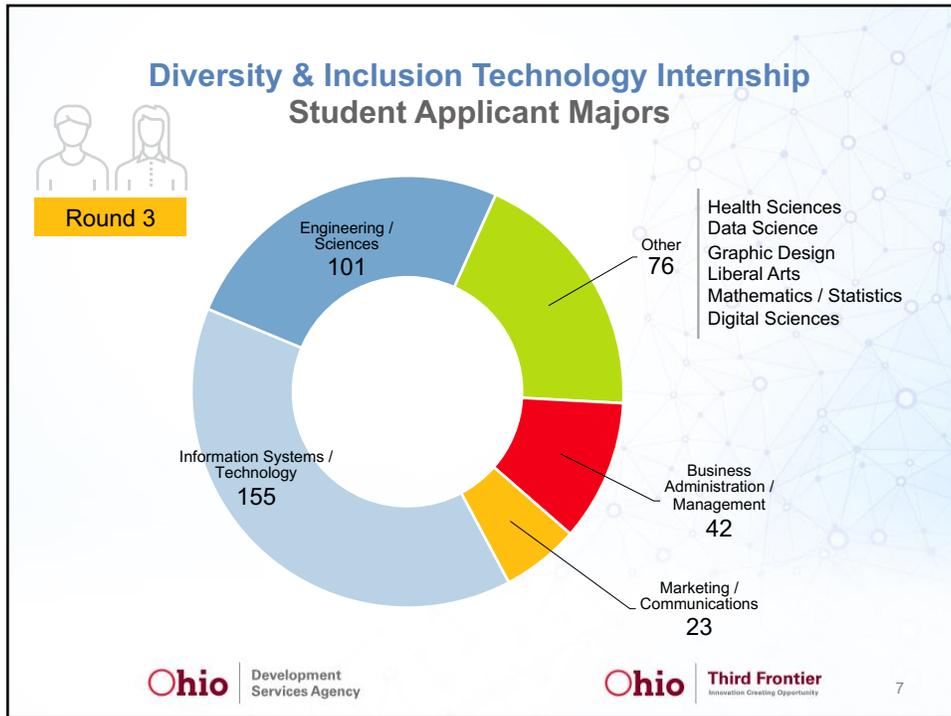


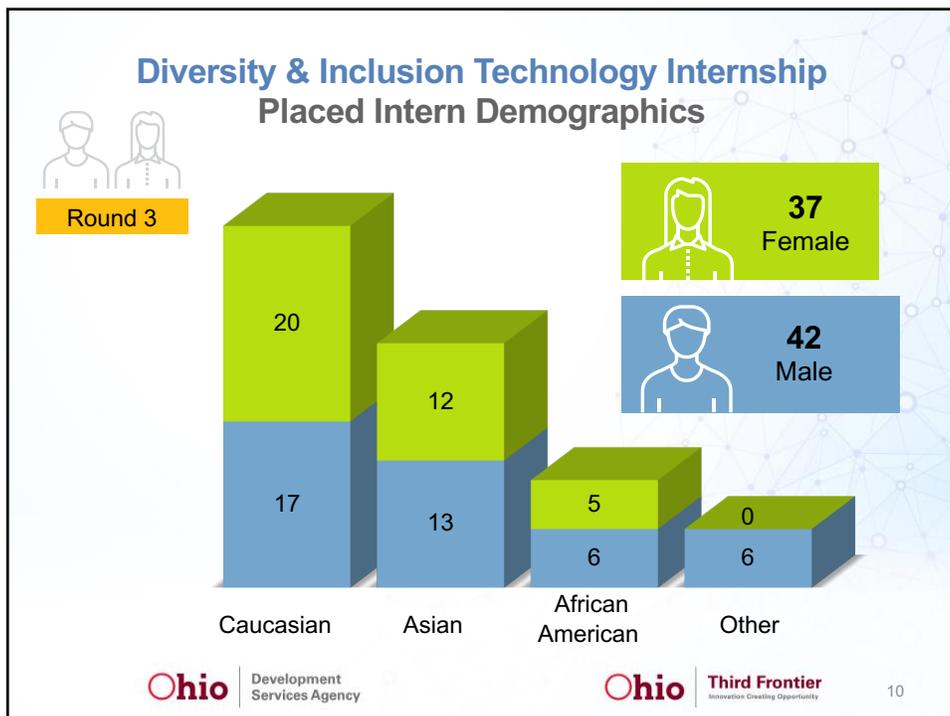
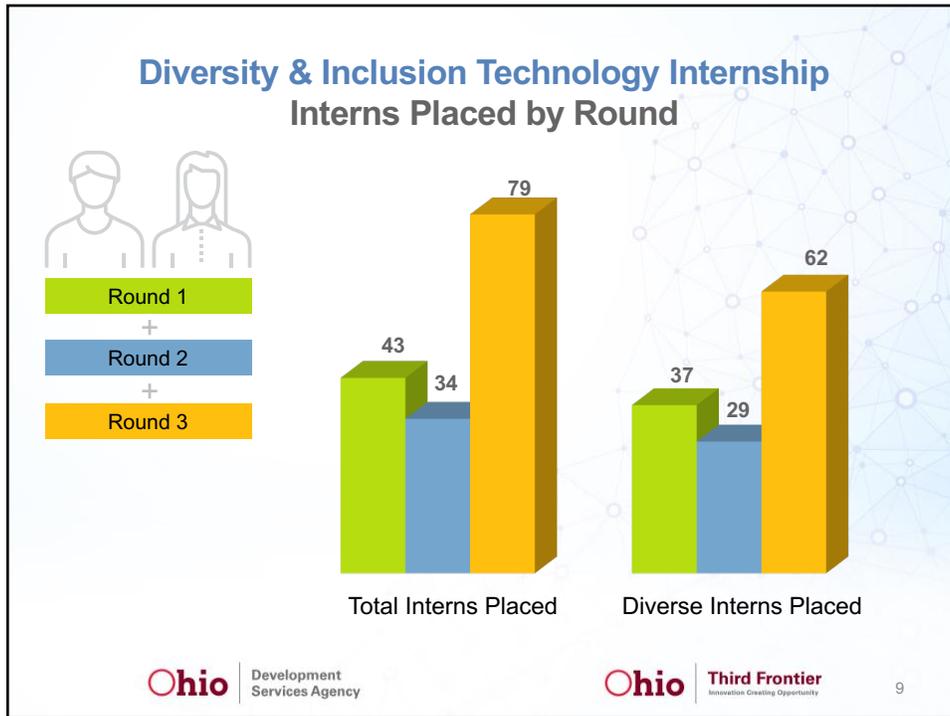
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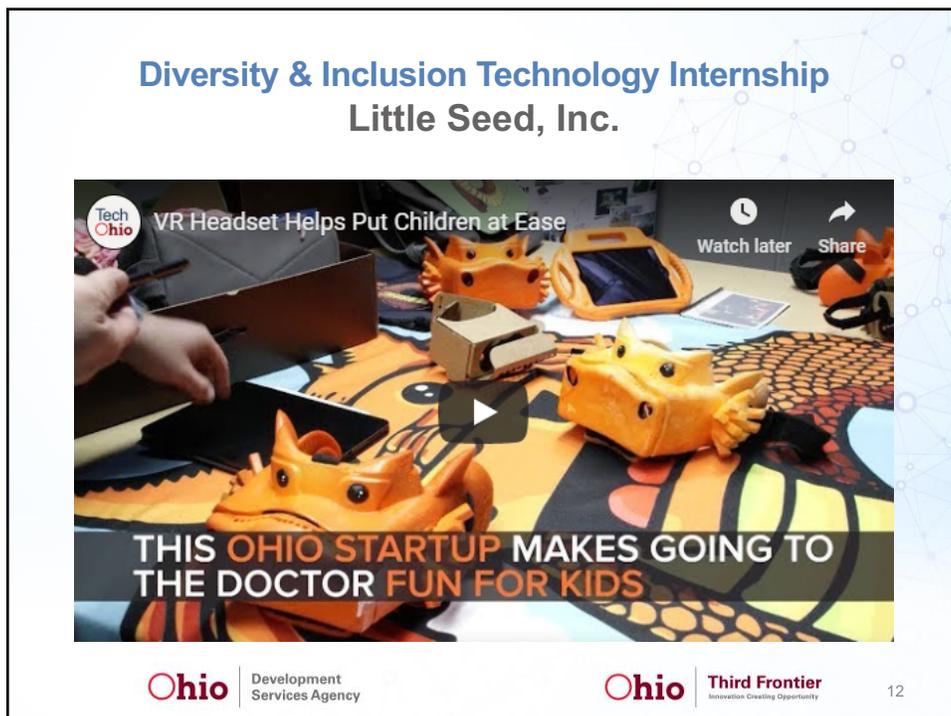
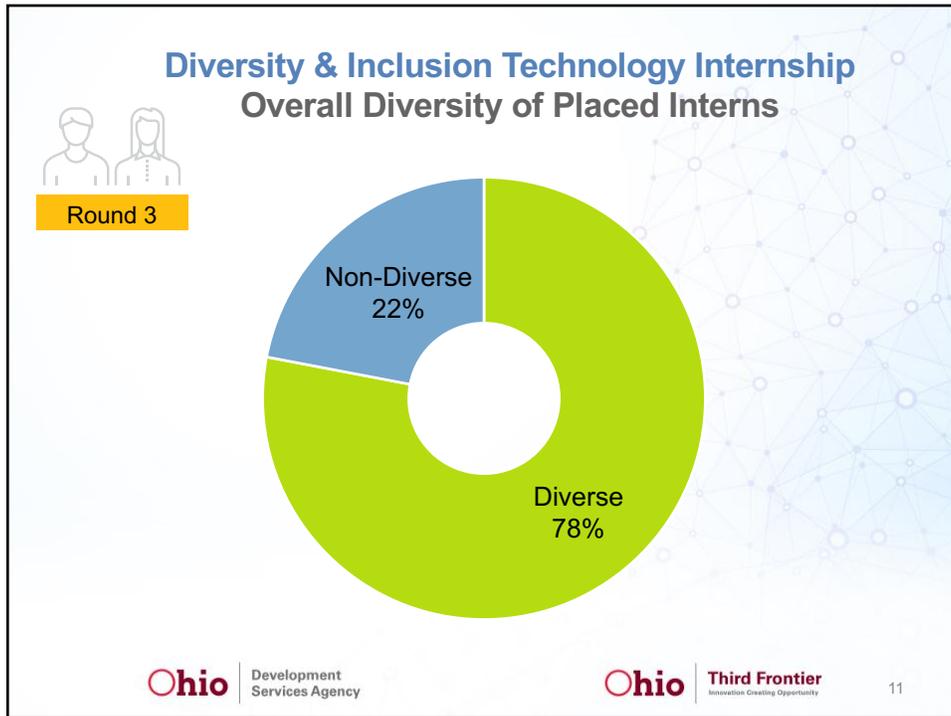
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Diversity & Inclusion Technology Internship
Little Seed, Inc.

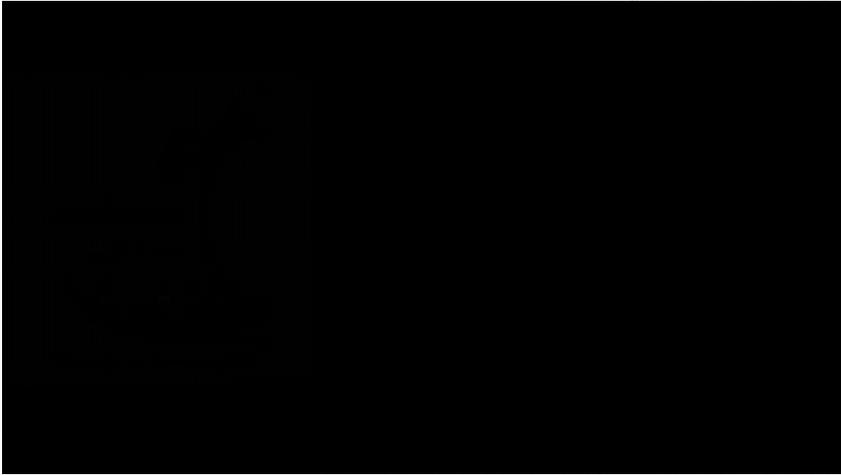
Jeff Penka
CEO & President, Little Seed, Inc.

and

Madeline Buanno
Intern, CCAD

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LittleSeed
Clinically driven. Evidence-based fun.

Innovation through collaboration

Healthcare

Technology

Creative

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LittleSeed
Clinically driven. Evidence-based fun.

Building the future

- Digital Illustration & Concept Creation
- Industrial Design
- Mechanical Engineering
- Manufacturing
- Creative Writing, Communications and Digital Media
- 3D Modeling
- Digital & Computer Animation
- Product Management
- Marketing and Social Media
- Mixed Reality, VR, AR
- Artificial Intelligence
- Full Stack Development

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 **LittleSeed**
Clinically driven. Evidence-based fun.

The Opportunities for Small Business/Start Up Companies and Young Professionals

- Short Term to Long Term Engagement
- Focused and Guided Activities
- Project and Activity-based Teaming

Identify Culture Fit with Limited Risk to All Involved

- Small Business and Start-Up Realities
- “Many hands make light work”
- Workplace dynamics
- Client exposure, real deadlines, and practical portfolio pieces

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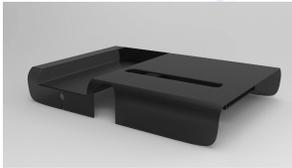
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 **LittleSeed**
Clinically driven. Evidence-based fun.

Student Team Member Focus

- Medical Device
- Interactive Game
- Design & Development
- Concept
- Creation
- Design
- Development
- Review
- Iteration

- Industrial Design & Manufacturing

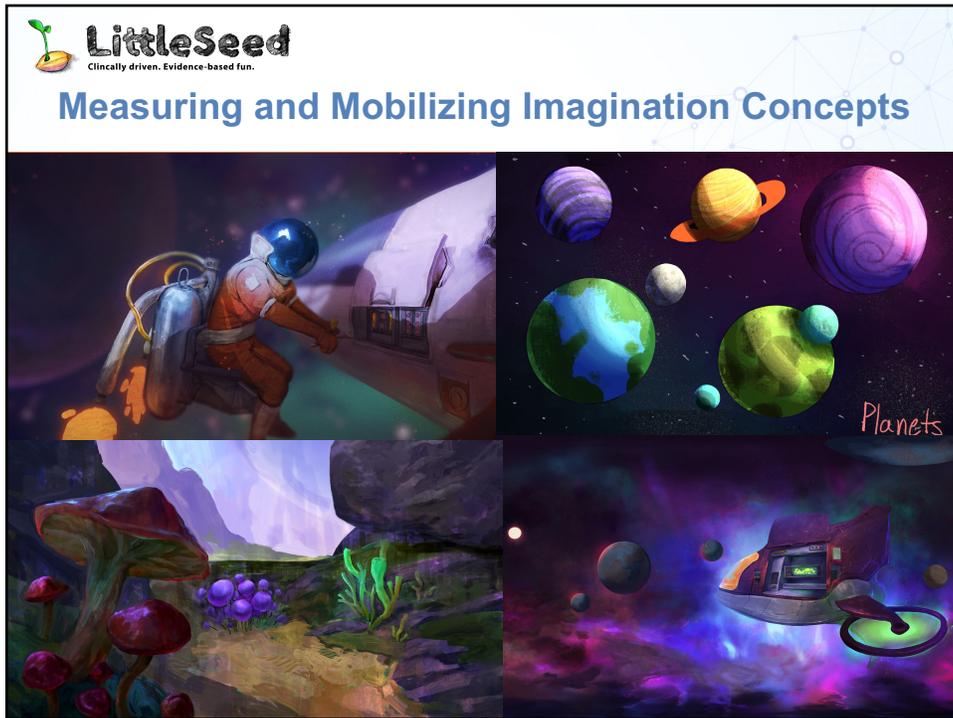


- Development & Quality Assurance Testing
- Content Creation and Site Management

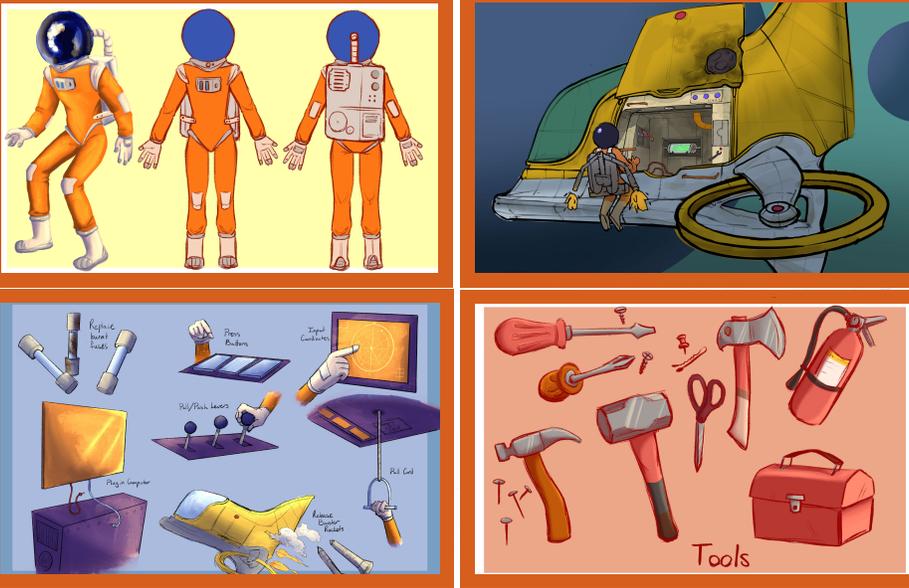
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Feedback and Opportunities

Feedback – THANK YOU!

- Derisking participation and evaluation process
- Financial assistance was key

Opportunities

- Outreach to academic institutions and industry
 - Internship fairs
 - Office of Internship Programs
- Current limit of 3 Internships
- Workshops for industry partners/candidates
- Matching process: positions and students



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Diversity & Inclusion Technology Internship Upcoming Round Timelines

	Begin	End
 <div style="background-color: red; color: white; padding: 2px; display: inline-block;">Round 4</div>	Company Applications	Aug. 5, 2019 – Aug. 30, 2019
	Student Applications	Sept. 9, 2019 – Sept. 27, 2019
	Matching	Sept. 9, 2019 – Oct. 25, 2019
	Internship Period	Nov. 1, 2019 – Apr. 30, 2020
 <div style="background-color: #4a7ebb; color: white; padding: 2px; display: inline-block;">Round 5</div>	Company Applications	Jan. 21, 2020 – Feb. 14, 2020
	Student Applications	Feb. 19, 2020 – Mar. 6, 2020
	Matching	Mar. 2, 2020 – Apr. 17, 2020
	Internship Period	May 1, 2020 – Oct. 31, 2020



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Diversity & Inclusion High School Technology Internship Program Proposal

High School Pilot



- Estimate 10-20 student internships
- Career-pathways based
- Applications open: November 2019
- Internships begin: January 2020

South-Western Subject Matter: District imparts skills for jobs

In a time when college costs are soaring, student debt is at a critical level and businesses are competing for qualified employees, the South-Western City School District is answering these needs with pathway-ready skills that connect a student's interests, job demand and the skills necessary for success.

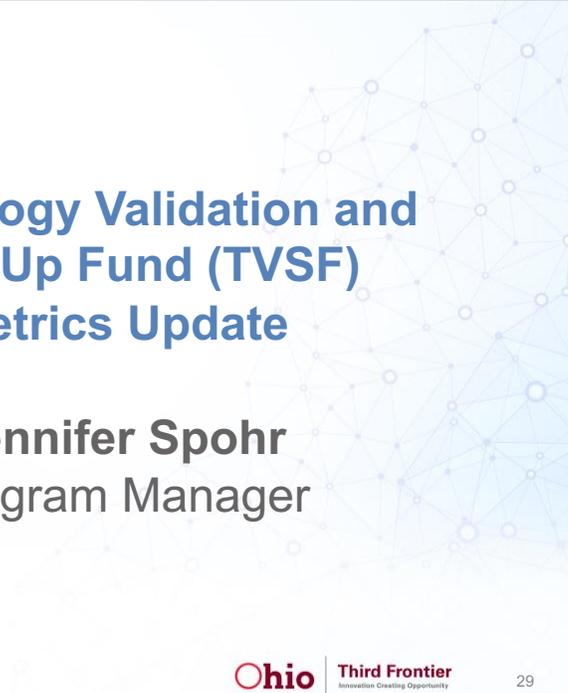
Diversity & Inclusion Technology Internship Funding

FY 19 \$1.5 million encumbered

- 3 rounds
- 150 intern positions
- No remaining funds

FY 20 Request for \$2 million

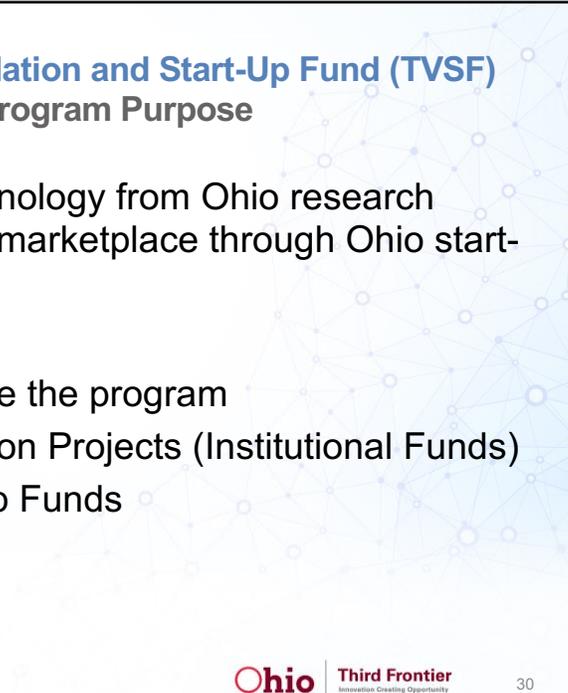
- Includes colleges / universities
- Includes high school pilot



Technology Validation and Start-Up Fund (TVSF) Metrics Update

Jennifer Spohr
Program Manager

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Technology Validation and Start-Up Fund (TVSF) Program Purpose

Help transition technology from Ohio research institutions into the marketplace through Ohio start-up companies

Two ways to engage the program

- **Phase 1:** Validation Projects (Institutional Funds)
- **Phase 2:** Start-up Funds

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Technology Validation and Start-Up Fund (TVSF) Applicants

Lead Applicants: Phase 1
Ohio institution of higher education, or Ohio not-for-profit research institution with sufficient internal deal flow to support a multitude of projects. Awards range from \$200,000-\$500,000 with 1:1 cash cost share.

Lead Applicant: Phase 2
Ohio start-ups and young companies that are prospective licensees of technology from Ohio institutions. Up to \$100,000 (or \$150,000 if in biomedical technology) as initial capitalization with no cost share.

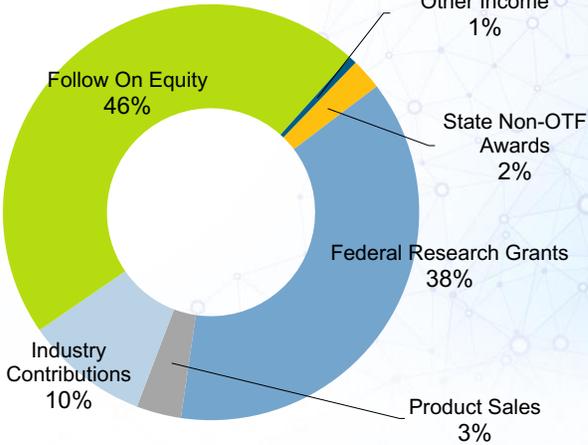




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Technology Validation and Start-Up Fund (TVSF) Metrics Update

Over the past 19 Rounds, the TVSF program has awarded \$25.8 million to Phase 1 & 2 projects. This investment has leveraged over \$125 million.



Category	Percentage
Follow On Equity	46%
Federal Research Grants	38%
Industry Contributions	10%
Product Sales	3%
State Non-OTF Awards	2%
Other Income	1%





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Technology Validation and Start-Up Fund (TVSF) Metrics Update

Phase 1:	Phase 2:
<ul style="list-style-type: none">• 105 projects• 84 jobs created• 70 patents• 205 patents pending	<ul style="list-style-type: none">• 93 projects• 123 jobs created• 42 patents• 96 patents pending

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Technology Validation and Start-Up Fund (TVSF) Phase 1: 105 Projects























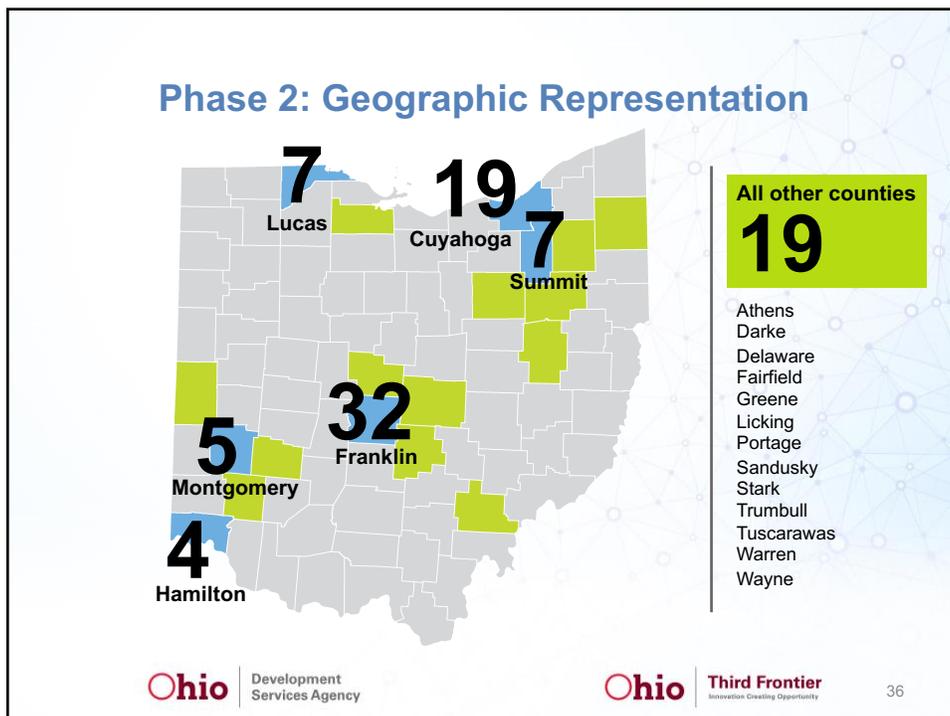
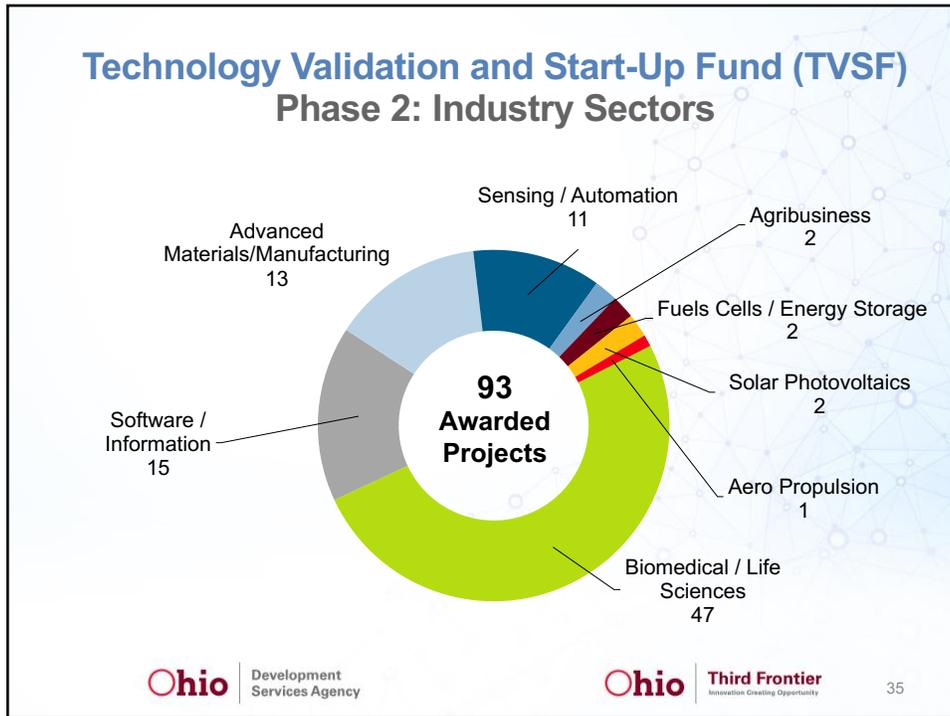








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**Technology Validation and Start-Up Fund (TVSF)
Phase 2: Licensing Institutions**

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ESP RFP Update

Jason Miller
Program Manager

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Other Business / Adjournment

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