



EDUCATION INDUSTRY COLLABORATION

July 9, 2024





NILDA BLANCO

Senior Vice President
of Strategic Initiatives
CareerSource Central Florida





TADAR MUHAMMAD

Chief Operating Officer
CareerSource Central Florida





UNIVERSITY OF
CENTRAL FLORIDA



MIKE HARDING

Associate Vice President,
Partnerships
Advancement & Partnerships
University of Central Florida

OVERVIEW

Mission: Align educational programming with industry needs at the local level

Who: CareerSource Central Florida, University of Central Florida, education organizations, and industry leaders

Focus: Unite education with industry needs to respond to the community's economic growth and the demands of the future workforce





Legislative Initiative

What: Signed into law on May 15, 2023, Senate Bill 240, requires each local workforce development board to create an education and industry consortium.

Who: Composed of representatives of educational entities and businesses in Central Florida



UNIVERSITY OF
CENTRAL FLORIDA

Collaborative Mission

Central Florida Education-Industry Collaborative

Goal: To align educational programming with industry needs at the local level

How: Identify and create strategies to address workforce needs. Collaborative findings will inform strategic plans for Central Florida's educational organizations, businesses and job seekers. Members appointed by CSCF board chair.



Committee Reports

Consortium (post-secondary): Met on May 16, 2024.

Working Groups: Met on May 15, 2024 (K-12) and on June 26, 2024 (Research & Development)



K-12 / APPRENTICESHIP WORKGROUP UPDATE

The workgroup met and discussed the following:

- Current and future labor market data
- Overview of apprenticeship programs
 - Program structure
 - Industry involvement
- Discussion on education system partnerships:
 - Ways industry could partner – donate equipment and supplies, provide teachers, start-up funding not covered
- Discussion on industry needs and engagement with education:
 - Soft skills/foundational skills are essential for all workers; industry could use help in engaging with education

POST-SECONDARY EXPERIENCES CONSORTIUM

The Consortium met and discussed:

- Current economic factors impacting the workforce
 - Affordable childcare
 - Inflation
 - Return to work policies
 - Balance of work and life
- Dynamic reshaping and changing the workplace
 - Impact of AI
 - Multiple generations in the workplace
 - Value of post-secondary education





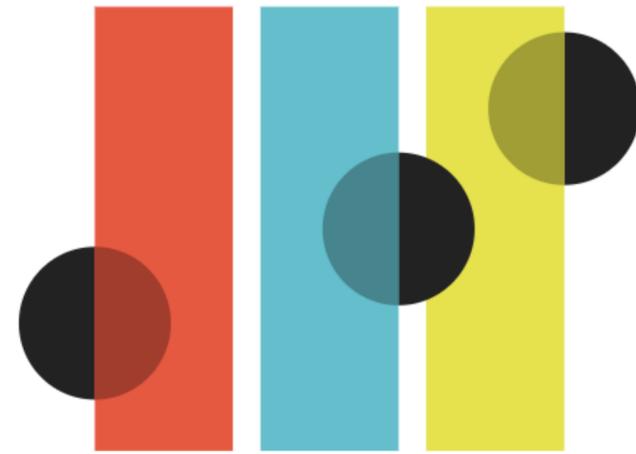
UNIVERSITY OF
CENTRAL FLORIDA

Research & Development Update

MIKE HARDING



Associate Vice President,
Partnerships
Advancement & Partnerships
University of Central Florida



Jobs for the Future

The AI-Ready Workforce

How Leaders and Workers Can Prepare for
a Reshaped Future of Work



ALEX SWARTSEL

Managing Director – JFF Labs

Jobs for the Future's The Center for Artificial Intelligence & the Future of Work

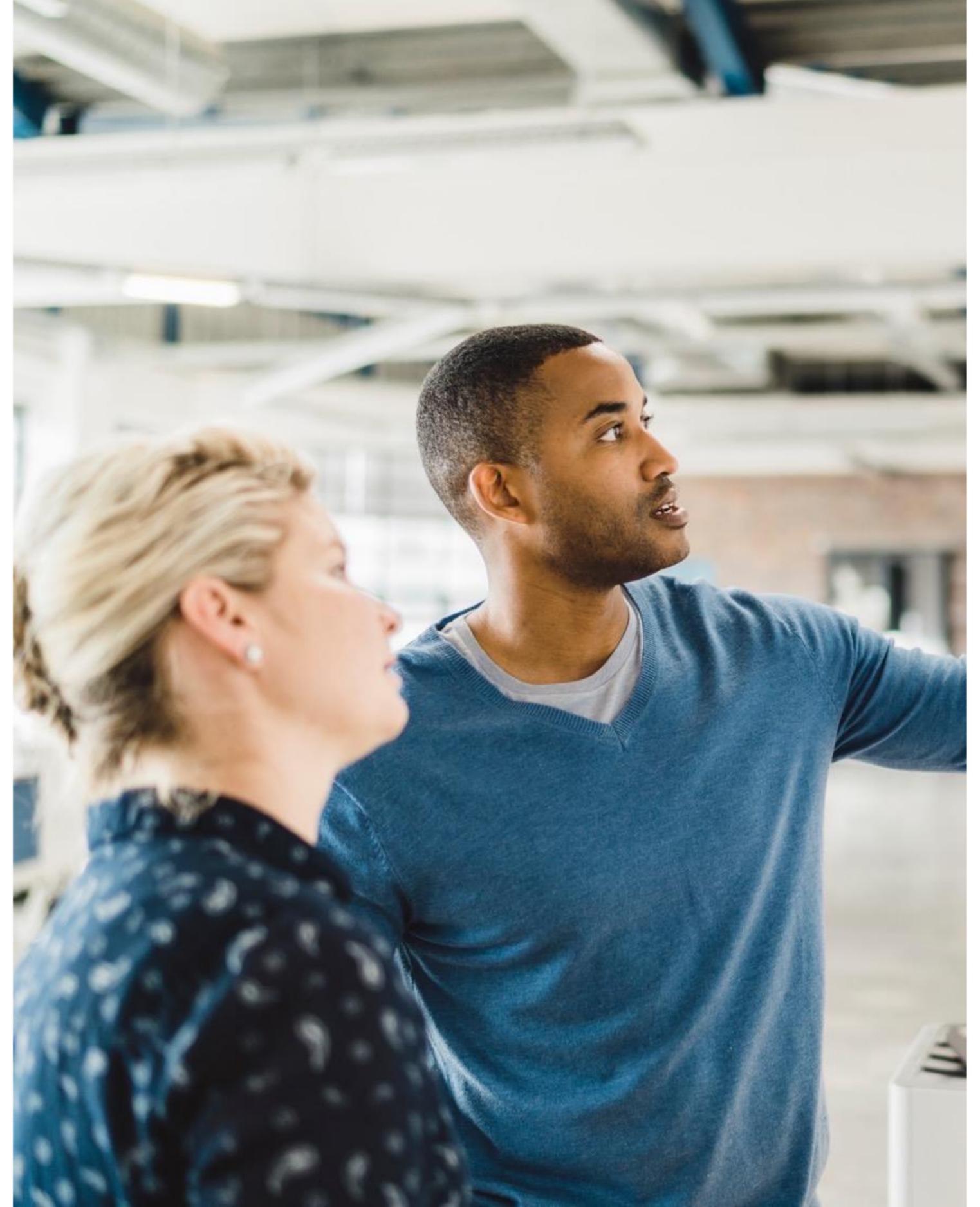
CareerSource Central Florida
Education & Industry Consortium | July 9, 2024

Alex Swartsel, Managing Director, Insights, JFFLabs

jff.org/ai

JFF'S MISSION

Jobs for the Future drives transformation of the U.S. education and workforce systems to achieve equitable economic advancement for all.



JFF's North Star

In 10 years,
75 million people facing
systemic barriers to
advancement work in
quality jobs.



The age of AI is here. It's complicated – and its impact will be enormous.

A.I. Poses 'Risk of Extinction,' Industry Leaders Warn

Leaders from OpenAI, Google DeepMind, Anthropic and other A.I. labs warn that future systems could be as deadly as pandemics and nuclear weapons.

FEATURED STORY

Why AI Will Save the World

Marc Andreessen

How Could A.I. Destroy Humanity?

Researchers and industry leaders have warned that A.I. could pose an existential risk to humanity. But they've been light on the details.

Artificial intelligence could be our saviour, according to the CEO of Google

Jan 24, 2018

**100
million**

Active users of ChatGPT in just 2 months

Compare to just under 5 years for Facebook

**\$151
billion**

In enterprise spending on generative AI solutions by 2027

Representing an 86% annual growth rate

7%

Potential annual GDP increase over 10 years

Due to estimated boost in labor productivity

What if we asked:

**How might we use *AI* to *accelerate*
equitable economic mobility?**

A new initiative with humans at its heart

JFF's Center for Artificial Intelligence & the Future of Work

Our Mission: To ensure the future powered by AI accelerates, rather than delays, equitable access to quality jobs, by shaping policy, practice, and investment in innovative solutions that drive equitable economic advancement.

Our Focus Questions

- Understanding how AI will **change the nature of quality jobs and pathways to economic agency**, and reimagining training pathways, supports, and upskilling strategies
- Mapping and supporting rapid validation and adoption of the most promising **AI-powered use cases** and platforms for the future of quality jobs
- Catalyzing sustainable **policy, practice, and investment** in solutions that drive economic opportunity

Our Key Outcomes

- Measurably greater awareness of AI potential and challenges
- Increased progress and momentum towards AI readiness across the workforce
- Increased buy-in for AI applications centering equity for North Star populations
- Demonstration of emergent practices and solutions showing promise for leveraging AI to connect more people with quality jobs

What we're seeing so far

Aligned to our “curiosity agenda” questions

Reshaping Jobs & Skills

Still **early**:

- AI skills not yet prominent in job postings
- Technical skill half life shortening

...but early signals are starting to create **divides and choices**:

- Adoption by enterprise, SMB, solopreneurs; “BYOAI”
- AI credentials, but not yet role-specific applied AI training

Use Cases for Education & Workforce

- “Point of entry” often incremental **productivity** – or concerns about integrity and risk
- **Transformational** potential, but difficult to imagine
- Critical importance of – and barriers / blockers around – **data**

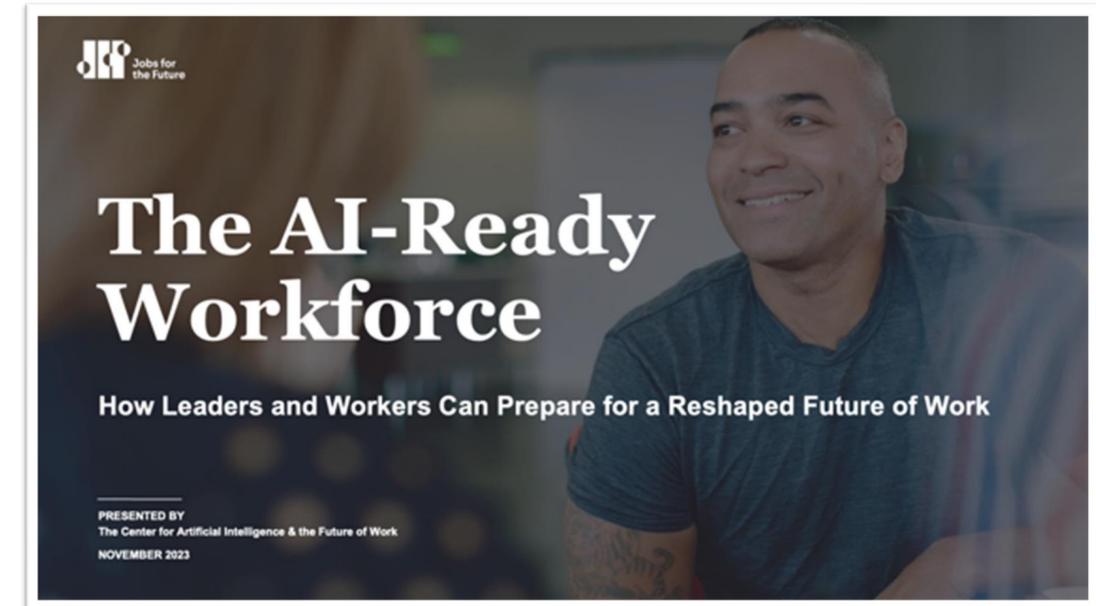
Policy, Capital, and Social Implications

- Primary focus on **security** and risk mitigation; work/education focus grounded in **literacy**
- **Inclusive design** and responsible technology
- Opportunity to help flesh out **what AI may mean for jobs and economic equity**, and implications

Our early findings

How AI could reshape in-demand jobs

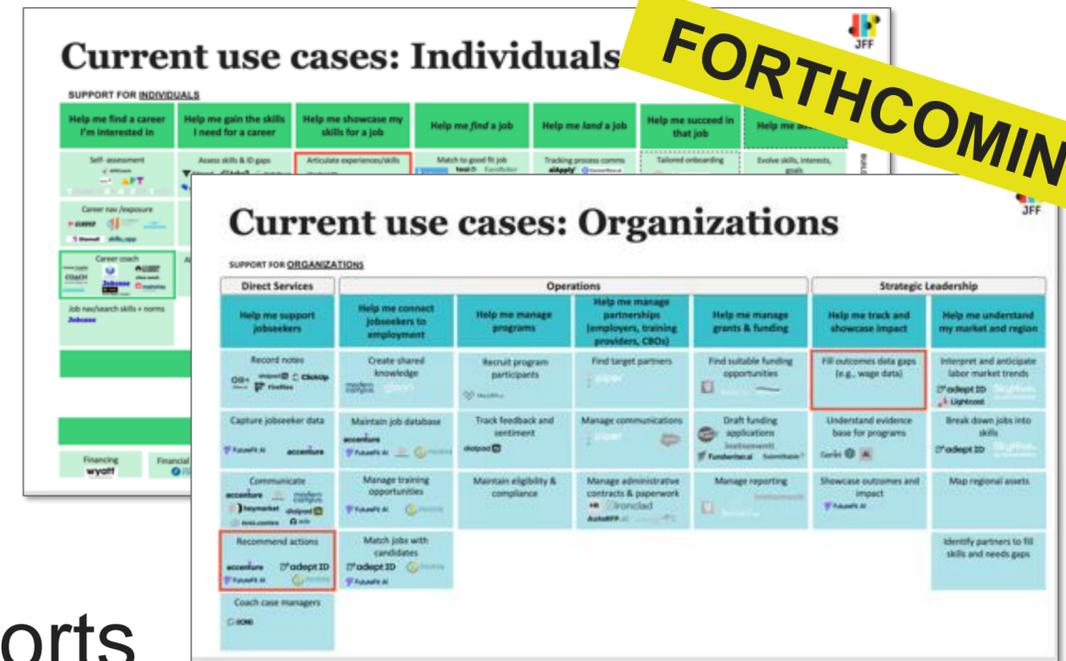
- How workers leverage AI within certain tasks and skills is just as important as how much.
- Because jobs will more likely shift over time, rather than overnight, planning deliberately for transformation is key.
- Most importantly: every occupation we studied will benefit from doubling down on the uniquely human skills that will be elevated or augmented by AI.



Our early findings

Use cases for AI in workforce

- **Individual** use cases include career navigation, skill development, finding and landing a job, connecting to social capital and wraparound supports



- **Organizational** use cases include support for direct services to jobseekers, operations (partnership and program management), understanding local market, tracking impact

- **Opportunities**: facilitate human connections; using data to clarify pathways and surface skills; remove friction from career navigation

Looking back – and looking ahead

Progress from the Center for AI's first year and our roadmap

Reshaping Jobs & Skills

COMPLETED

- ***AI-Ready Workforce Framework***: preparing for AI's impact on in-demand jobs

IN PROGRESS:

- Current state of AI job transformation in gateway jobs and employer / education recommendations
- Additional supports / toolkits

Use Cases for Education & Workforce

COMPLETED

- ***AI Use Cases in Workforce***: initial landscape map

TO COME:

- Deeper opportunities analysis and solution / innovator incubation

Policy, Capital, and Social Implications

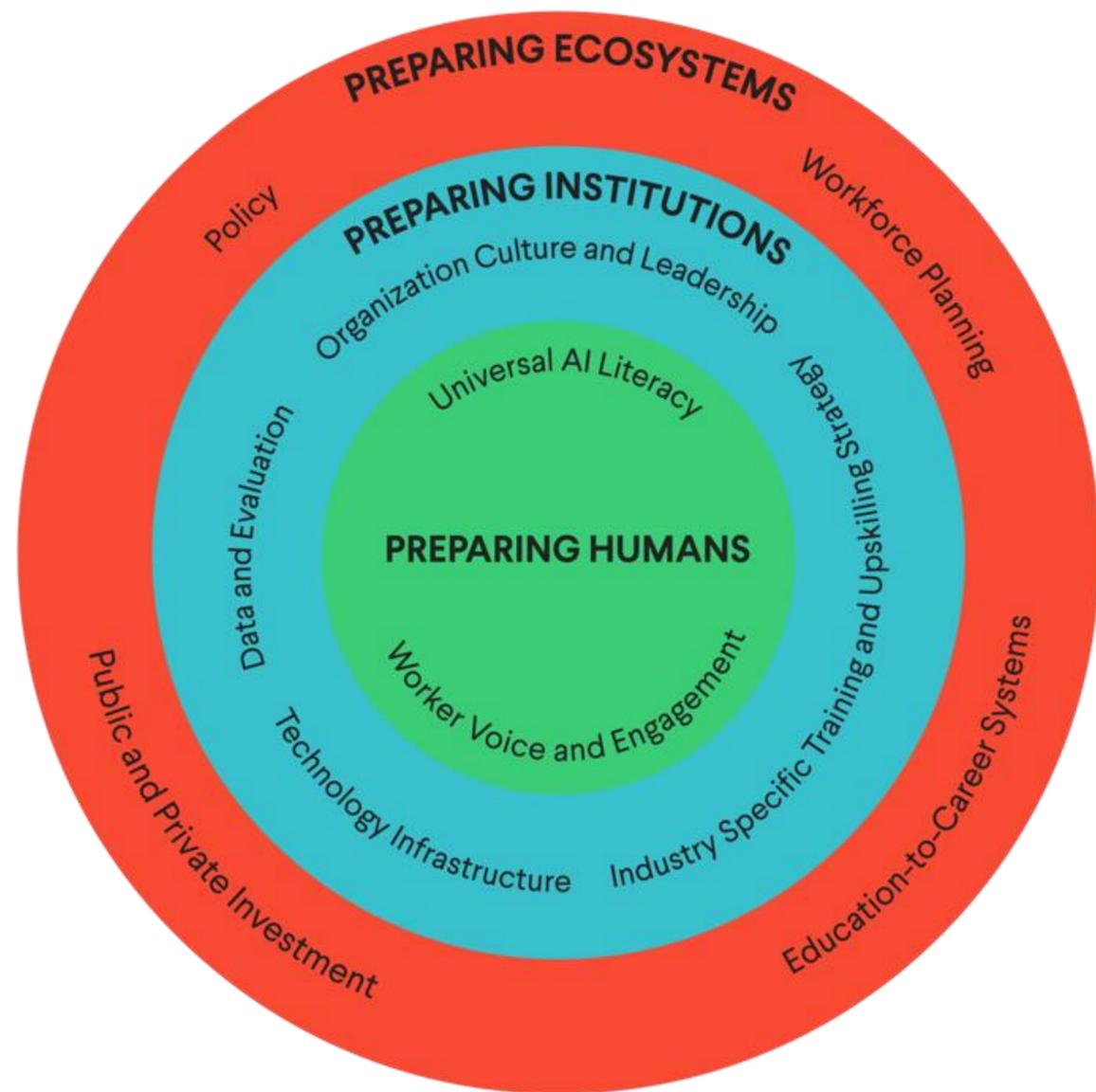
IN PROGRESS:

- ***AI for Economic Equity Framework***: steps to ensure AI connects people to quality jobs & economic agency
- ***Worker & learner stories*** and insights

TO COME:

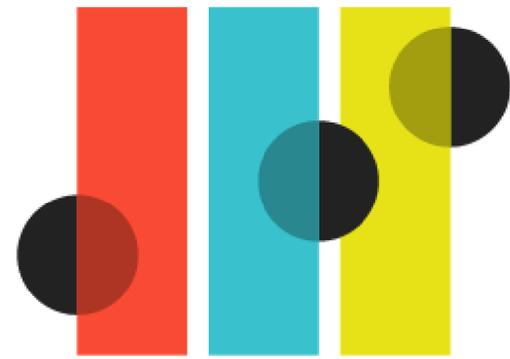
- Equity framework progress
- Public policy agenda

AI readiness starts with putting humans at the center.



- **Employers can**
 - Create supportive cultures and employee feedback loops
 - Ensure access to foundational AI literacy training
 - Evaluate AI's impact
 - Build partnerships
- **Postsecondary leaders can**
 - Create new disciplines
 - Adapt and update curricula
- **Policymakers can**
 - Support research and enhanced labor market data
 - Expand access to training programs and new education financing approaches
 - Center economic equity in regulatory/legislative efforts

How are we reimagining the future of work?



JFF



UNIVERSITY OF
CENTRAL FLORIDA

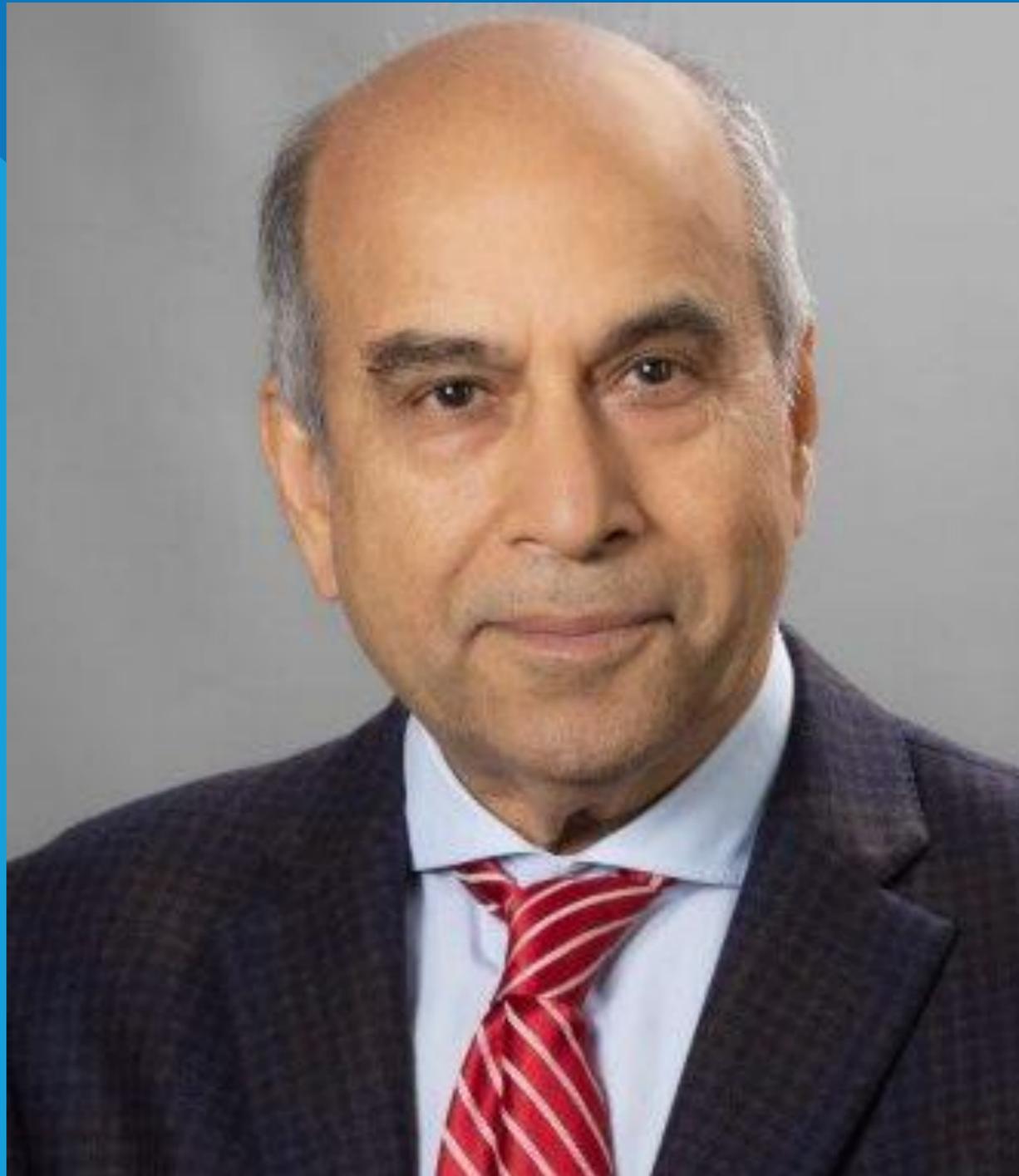
The Future is Here – AI Initiative at UCF



UNIVERSITY OF
CENTRAL FLORIDA

DR. MUBARAK SHAH

UCF Trustee Chair; Professor,
Computer Science; UCF Center for
Research in Computer Vision





Perspectives: Impacts of AI

Panel Discussion

PANELIST



Alex Swartsel
JFF



Dr. Mubarak Shah
UCF



Simone Babb
Orange County



Loren Horsager
Model Mind AI

SHARE YOUR THOUGHTS WITH US



Next Steps

Next Central Florida Education &
Industry Consortium meetings: October

Virtual working groups scheduled
September - October



BONUS WORKSHOP



Alex Swartzel, a Managing Director at JFF Labs who's leading the launch of JFF's new Center for Artificial Intelligence & the Future of Work, will lead a hands-on workshop grounded in JFF's [AI-Ready Workforce Framework](#). This session will help leaders think differently about how to respond to the impacts of AI in their own work and across their organization—and better prepared to tackle big questions about how to navigate this new landscape of work by leading with equity and humanity.

Special Thank you





EDUCATION INDUSTRY COLLABORATION

Thank You

