

# EDUCATION INDUSTRY COLLABORATION

MARCH 19, 2024





# PAM NABORS

President & CEO CareerSource Central Florida



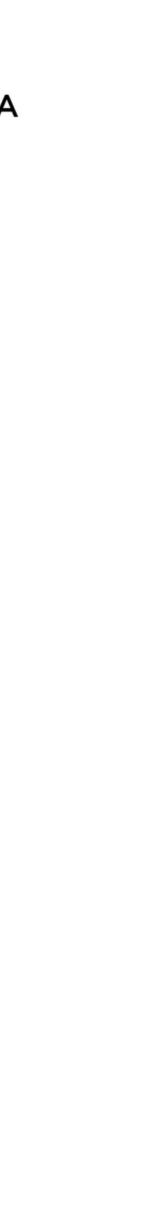




UNIVERSITY OF CENTRAL FLORIDA

# DR. ALEXANDER CARTWRIGHT

President University of Central Florida and strategic partner





# **ADRIENNE JOHNSTON**

### President & CEO CareerSource 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











# **RACHEL LUDWIG**

Vice President

Talent Development for the Future of Work

Florida Chamber Foundation

## The Florida 2030 Blueprint: Uniting Businesses For Good



# 15<sup>th</sup> to 10<sup>th</sup>

## 39 Goals

- +2.8 Million Net New Residents
- +1.34 Million Net New Jobs
- +40 Million More Annual Visitors
- +2.5 Million More Drivers

**Building the perfect** climate for business

Actuarially sound property insurance rates based on actual risk and competition

#1 business tax climate in the n

Regulatory, labor, and operating environments rated among top 5 in the nation

**Environmental permitting an** local land use processes rate among top quartile in the nat

**Occupational licensing laws** rated among top 5 in the nation

Legal climate improves to top guartile in the nation

		ing government and civics re efficient and effective		Championing Florida's quality of life	
nation <b>g risk</b> g	alig 10 deve 100%	<ul> <li>100% of state agencies</li> <li>ned with Florida 2030 goals</li> <li>0% of regional economic</li> <li>elopment plans aligned with Florida 2030 goals</li> <li>6 of Florida residents covered</li> <li>Improving Florida's talent pip for a better workforce</li> </ul>	Flo bes fam and	<ul> <li>5 state for overall well being</li> <li>rida's brand and reputation as</li> <li>st place to live, work, raise a</li> <li>nily, visit, learn, play, relocate,</li> <li>compete remains top in the</li> <li>nation</li> </ul> Florida childhood poverty in Creating good jobs by diversifying Florida's economy	Preparing Florida's infrast for smart growth and devel
nd ed tion /s tion	of nor D W in civ from	<ul> <li>&gt;80% of Florida's workforce hessential employability skill</li> <li>&gt;60% of Floridians 25-64 haves a high-value postsecondary certificate, degree, or training experience</li> <li>95% of entering high schools students graduate within 4 yes</li> <li>100% of Florida 8th graders read &amp; perform math at or ab grade level</li> <li>100% of Florida 3rd graders read at or above grade level</li> <li>100% of children are ready for kindergarten</li> </ul>	s /e / l ears ove	<ul> <li>Top state for gross domestic product and top quartile most diversified state economy</li> <li>#1 state for overseas visitors</li> <li>Goods exports double and services exports triple</li> <li>Top 5 state for manufacturing jobs</li> <li>#1 state for business startups</li> <li>#1 state for business startups</li> <li>Top 3 state for research and development funding and patents issued</li> <li>Rural county share of Florida gross domestic product doubles</li> </ul>	Diverse, attainable hour to meet future demand Every resident has access to and private mobility serv All major population and ex- centers connected to reginational, and global marke high-capacity corridor World's most capable space tier airports, seaports, and transportation hubs in U 100% of Florida residents access to high-speed communications connected Diverse and reliable energy, and waste management reso meet future demand All Florida residents prote by resiliency plans





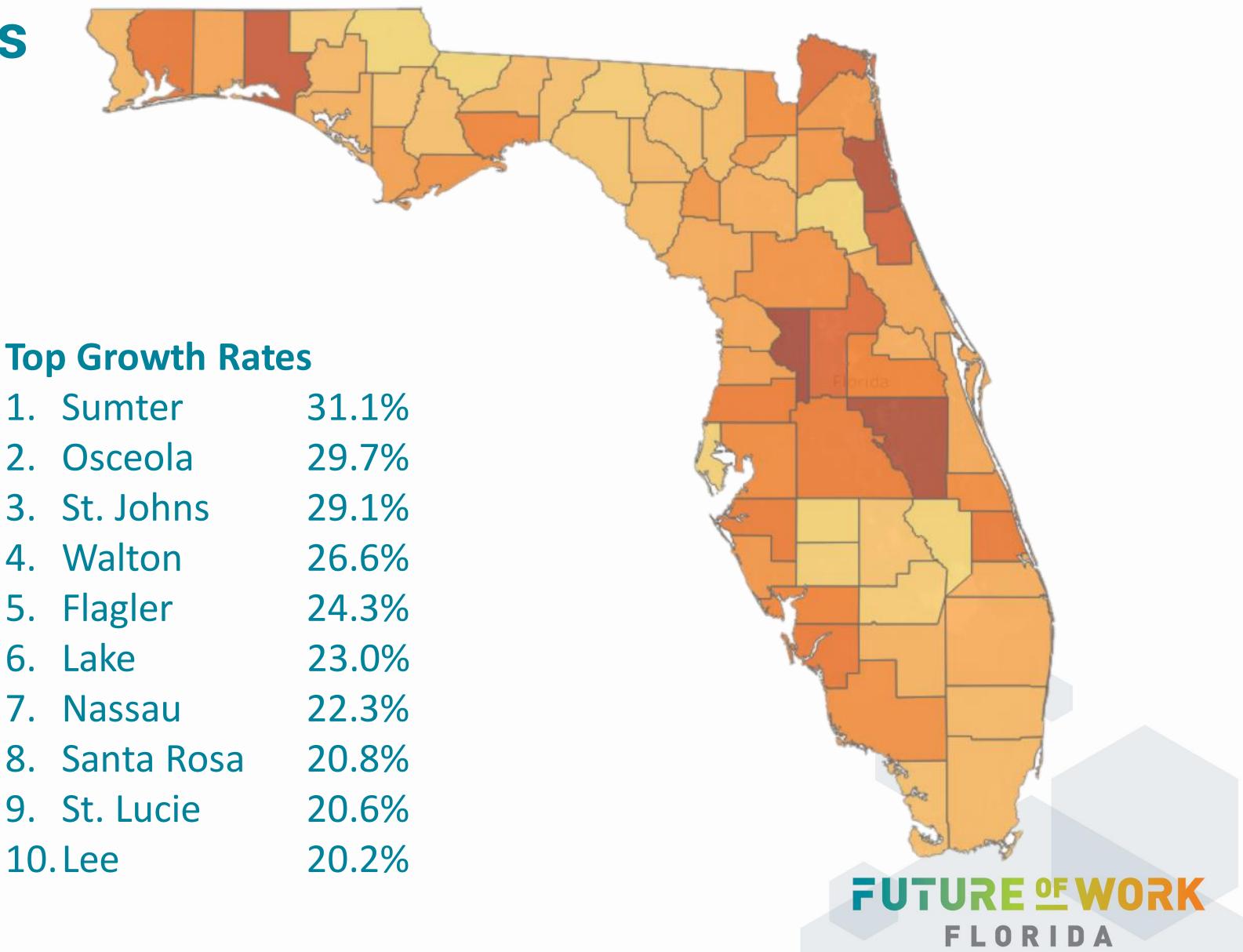
FLORIDA Powered by The Florida Chamber Foundation







### **Florida's Demographics Are Changing**



### Florida's Next 2.8 Million People

### **Top Projected Increases**

٢1.	Miami-Dade	368K
2.	Orange	330K
-3.	Hillsborough	317K
4.	Broward	261K
l5.	Palm Beach	231K
6.	Duval	196K
7.	Lee	192K
8.	Polk	182K
9.	Osceola	151K

**137K** 

10. Pasco

- 1. Sumter
- 2. Osceola
- 3. St. Johns
- 4. Walton
- 5. Flagler
- 6. Lake
- 7. Nassau
- 8. Santa Rosa
- 9. St. Lucie
- 10.Lee

**Top 10:** 82.4%

**Top 5:** 

52.5%

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### Florida's Aging Population Contributes to Workforce Struggles

**Projected Population** Change 2023-2024 Ages 20-65: +61,000 56.5% of Current Total Population Ages 70+: +70,400 **15.7% of Current Total Population** 



**New Talent** 

# **Population Decline for:** Ages 9 and Under Ages 25-35 Ages 50-60



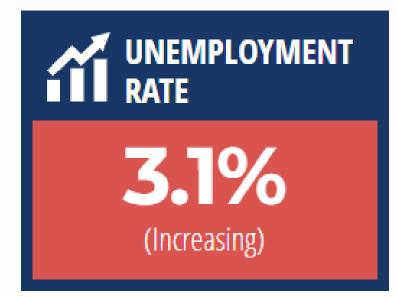


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FLORIDA

### For Every 100 Open Jobs, 84 Floridians are Looking for Work

### 84 Unemployed Floridians Seeking Work for Every 100 Open Jobs



OPEN JOBS 405,134

(Increasing)

**340,000** Unemployed Persons (Increasing)

**84** Unemployed People per 100 Jobs

### Workforce Needs Vary by County

### Orange County: 75 Unemployed People Seeking Work for -Every 100 Open Jobs

### Hendry County:

**340** Unemployed People Seeking Work for Every **100** Open Jobs







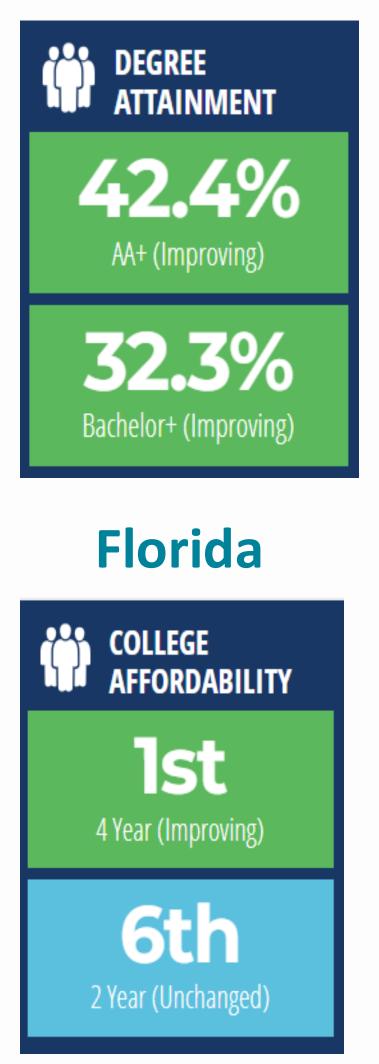




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## Improving Florida's Talent Pipeline for a Better Workforce

### Florida



### Florida



**HIGH SCHOOL** GRADUATION RATE 87.3% (Getting Lower) 95%

2030 Goal

>80% of Florida's workforce has essential employability skills

>60% of Floridians 25-64 have a high-value postsecondary certificate, degree, or training experience

95% of entering high school students graduate within 4 years

100% of Florida 8th graders read & perform math at or above grade level

100% of Florida 3rd graders read at or above grade level

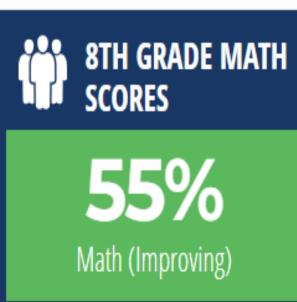
**100%** of children are ready for kindergarten

### TheFloridaScorecard.org

### Florida



### Florida



### Florida

**3RD GRADE READING SCORES** 50% (Declining)











## Florida Center for Workforce & Talent Development

### **Talent Pipeline Research Hub**

THE FLOR METRICS TO HELF	IDA SCOR	ECARD View Co A'S FUTURE	unty Data 🗸
TALENT SUPPLY	ELOP. INFRASTRUCTURE & GROWTH LEADERSHIP		CIVICS & QUALITY GOVERNANCE OF LIFE
State of Florid Click any metric to get more informa Florida Fu	tion! (What is this?)		ation 07/26/2023 8,447
JOB CHANGE Jobs Year Over Year Change <b>319,500</b> Net New Jobs Needed by 2030	CHILDREN IN POVERTY 18.2% (Decreasing) Call 2030 Goal 7663,527 (Decreasing)	<ul> <li>BRD GRADE READING SCORES</li> <li>50% (Declining)</li> <li>1100,7752 # Not Reading at Grade Level (Increasing)</li> <li>View Statewide Heat Map</li> <li>View Statewide Heat Map</li> <li>1000% (2030 Goal</li> <li>Florida Gap Map</li> </ul>	in open jobs 4456,529 (Declining) 2900,0000 Unemployed Persons (Increasing) 644 Unemployed People per 100 Jobs
UNEMPLOYMENT RATE 2.69% (Unchanged) View Statewide Heat Map Jobs Year Over Year Change 319,500	READING SCORES 50% (Declining) View Statewide Heat Map 100% 2030 Goal	STATE OF FLORIDA VISITORS \$98.8 Billion Visitor Spending 1377.6 Million Visitors	STATE HOUSING STARTS & SALES          12,569         Starts (Improving)         26,071         Sales (Declining)
POVERTY RATE 13.1% (Better) View Statewide Heat Map	CONSUMER SENTIMENT 69.3 (Improving)	HIGH SCHOOL GRADUATION RATE 87.3% (Declining) View Statewide Heat Map	SALES TAX REVENUE \$4.369 Billion per Month (Improving)



### **Talent Identification &** Development



### Alignment & **Connections Corner**







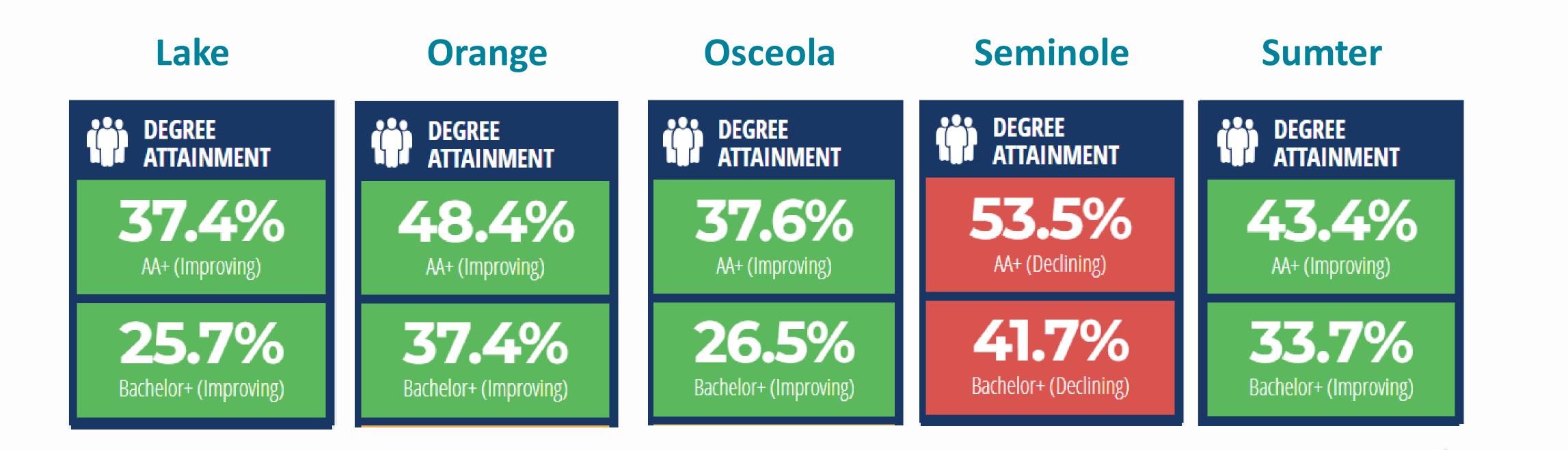








## **Education Attainment Across Region 12**

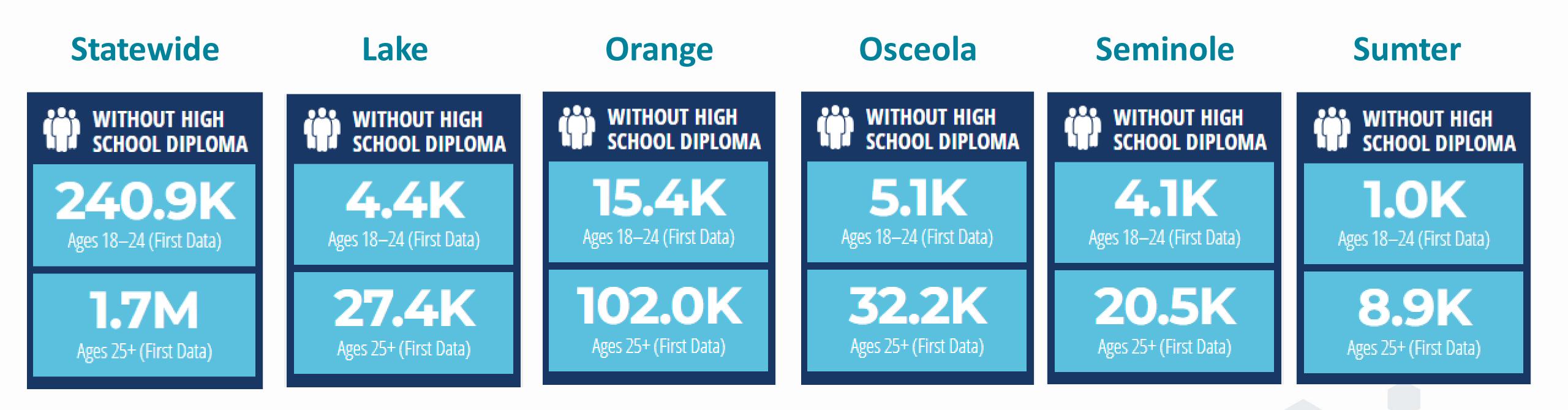


### To learn more, visit <u>TheFloridaScorecard.org</u> or contact Rachel Ludwig at rludwig@flchamber.com





## **New Florida Scorecard Tiles Reveal Opportunity for Upskilling & Reskilling Talent**

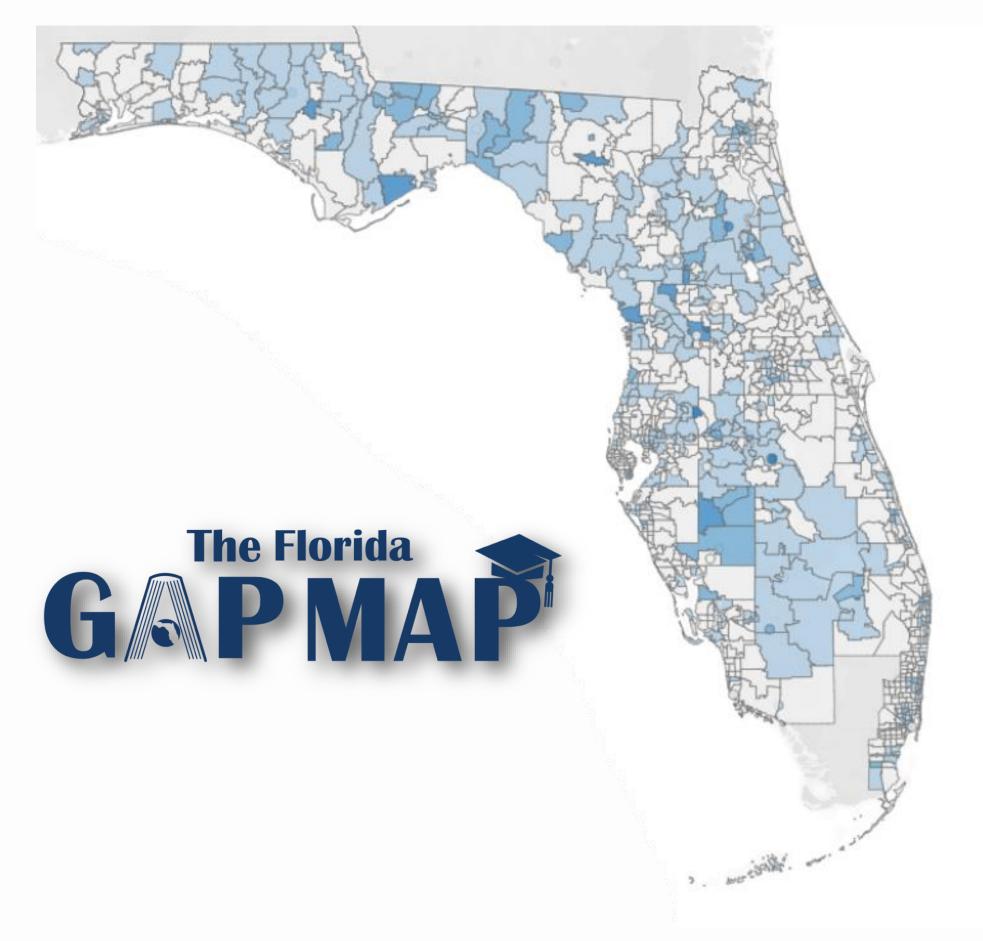


### To learn more, visit <u>TheFloridaScorecard.org</u> or contact Rachel Ludwig at rludwig@flchamber.com









## **Community Specific Understanding For Community Specific Investments**

	3		
School Name	<u>-</u>	Children Below Reading Level	At/Above Reading Le
Franklin Park Elementary School		76	15%
Tice Elementary School		72	2496
Colonial Elementary School		103	25%
Orange River Elementary School		94	28%
G. Weaver Hipps Elementary School		109	29%
Dr Carrie D Robinson Littleton Elementary		65	31%
Six Mile Charter Academy		54	31%
Villas Elementary School		88	3296
Allen Park Elementary School		113	33%
Avalon Elementary School		44	33%
Eden Park Elementary School		76	3396
Edgewood Academy		53	3396
Peace River Elementary School		52	33%
Bonita Springs Elementary School		57	34%
Oak Creek Charter School Of Bonita Springs		46	34%
Ray V. Pottorf Elementary School		102	34%
West Elementary School		79	35%
Lehigh Elementary School		134	36%
Moore Haven Elementary School		35	36%
Hancock Creek Elementary Schl		83	37%
Mike Davis Elementary School		57	37%
Nocatee Elementary School		51	37%
Tortuga Preserve Elementary School		118	37%
Golden Gate Elementary School		48	39%
Harlem Heights Community Charter School		18	40%
San Carlos Park Elementary School		76	40%
Veterans Park Academy For The Arts		113	40%



TheFloridaGapMap.org







- **Source:** Florida Commerce Employment Projections
- Qualifier: Salary must be at or above the median (\$19.62/\$40,800)
- Total Openings = Growth Openings + Replacement Openings
  - **Growth Openings** = Number of new positions expected to become available jobs because of growth in the industry or occupation.
  - **Replacement Openings** = attempts to account for changes in an occupation or industry based on people leaving that occupation and the labor force.
- **Table Key:**

**PS = Some Postsecondary** A = Associate



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**Top 30 in 2030 High-Demand Careers Methodology** 

### B = BachelorM+ = Master or Above







## **Top 30 High-Demand Careers in 2030** (Region 12 - Lake, Orange, Osceola, Seminole, Sumter)

### Career

- General & Operations Managers
- Heavy & Tractor-Trailer Truck Drivers 2
- Sales Reps of Services (except-advertising, 3 financial, travel)
- Bookkeeping, Accounting & Auditing Clerks 4
- First-Line Supervisors of Office & Administra 5 Workers
- First-Line Supervisors of Retail Sales Worke 6
- **Registered Nurses**
- 8 Accountants & Auditors
- 9 Management Analysts
- Market Research Analysts & Marketing Spec 10

	2022 Median Wage	Educatio
	\$44.25	В
	\$22.58	PS
insurance,	\$25.37	HS
	\$20.67	PS
ative Support	\$28.57	PS
ers	\$21.77	HS
	\$37.00	Α
	\$34.55	В
	\$39.35	В
ecialists	\$30.05	В
	FL	ORIDA ne Florida Chamber Foundation



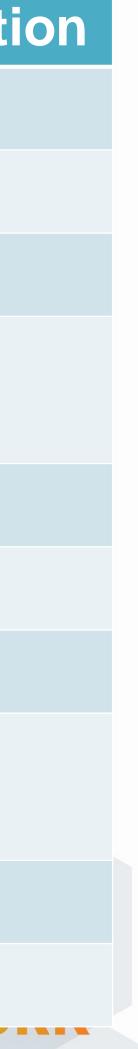


## Top 30 High-Demand Careers in 2030 (Region 12 - Lake, Orange, Osceola, Seminole, Sumter)

### Career

- 11 Human Resources Specialists
- 12 Carpenters
- 13 Project Management Specialists
- 14 First-Line Supervisors of Construction Trade Workers
- 15 Paralegals & Legal Assistants
- 16 Computer User Support Specialists
- 17 Electricians
- 18 First-Line Supervisors of Transportation & M Workers (except-aircraft cargo handling supervisors)
- 19 Construction Managers
- 20 Elementary School Teachers (except-specia

	2022 Median Wage	Educat
	\$28.31	В
	\$22.41	PS
	\$39.56	В
e & Extraction	\$30.71	PS
	\$24.74	Α
	\$23.78	PS
	\$23.24	PS
/laterial-Moving pervisor)	\$26.23	PS
	\$48.07	Α
al ed)	\$49,119 annual	В
		ORIDA



### Powered by The Florida Chamber Foundation



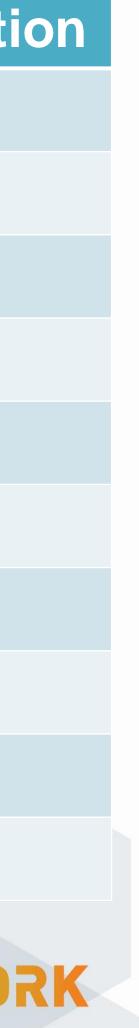
### **Top 30 High-Demand Careers in 2030** (Region 12 - Lake, Orange, Osceola, Seminole, Sumter)

### Career

- First-Line Supervisors of Non-Retail Sales V 21
- 22 First-Line Supervisors of Housekeeping & Ja
- Automotive Service Technicians & Mechanic 23
- 24 Food Service Managers
- Flight Attendants 25
- Medical & Health Services Managers 26
- Financial Managers 27
- First-Line Supervisors of Mechanics, Installe 28
- Secondary School Teachers (except-specia 29
- Property, Real Estate & Community Associa 30

	2022 Median Wage	Educat
Norkers	\$38.14	HS
anitorial Workers	\$19.75	HS
CS	\$22.35	PS
	\$30.60	PS
	\$72,880 annual	HS
	\$48.76	В
	\$63.61	В
ers & Repairers	\$30.32	PS
al & career/tech ed)	\$52,447 annual	В
ation Managers	\$29.54	HS

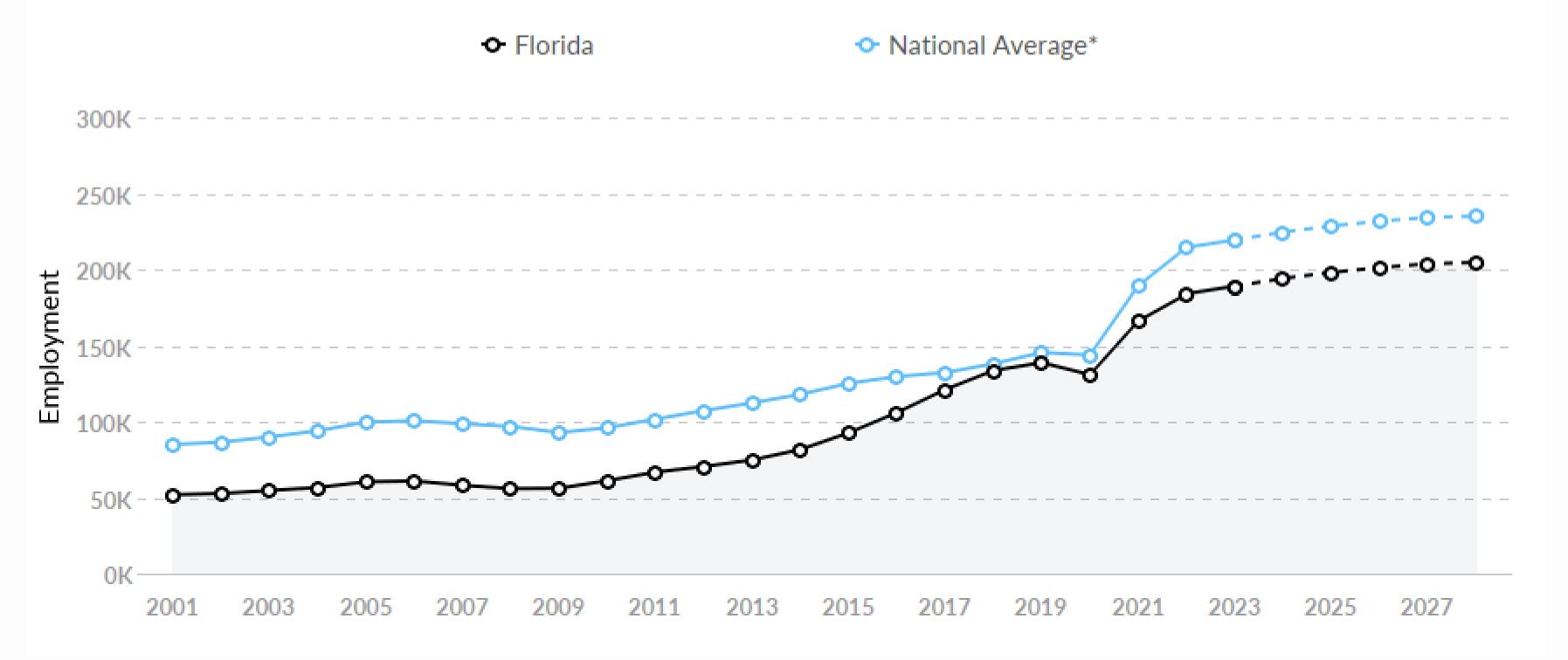




### Florida's Labor Market Needs: **General & Operations Managers**

### Low talent supply makes it difficult to find candidates







## **Retiring Soon** 50,086

Key Skills **Operations Management** Marketing **Project Management** Finance Auditing **Profit & Loss Management** Accounting Process Improvement









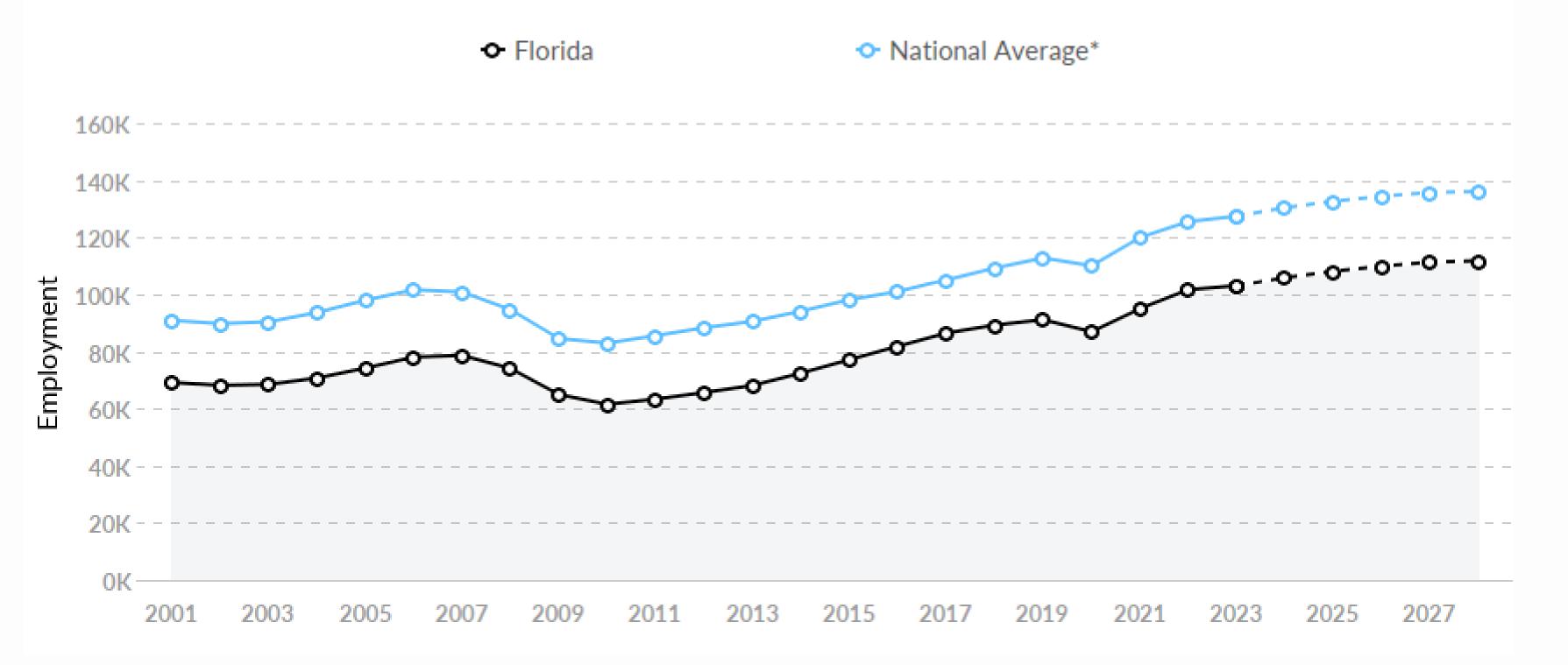




### Florida's Labor Market Needs: CDL-A Truck Drivers

### Low talent supply makes it difficult to find candidates





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970 Completions 12,178 penings 11,208 More Openings than **Completions** 

> **FUTURE OF WO** FLORIDA Powered by The Florida Chamber Foundation



## FUTURE OF WORK FLORIDA Workforce Wednesday Webinar Series **Untapped Potential: Embracing Second Chance Hiring**

March 20, 2024 VIA ZOOM 10:00AM-11:00AM ET











### **2024 Florida Prosperity & Economic Opportunity Workforce Solution Summit** Coral Springs, FL | May 23, 2024

### **Complimentary Training** May 22<sup>nd</sup>





To reserve your spot at an in-person training, contact Rachel Ludwig at rludwig@flchamber.com



### **2024 Florida Learners to Earners Workforce Solution Summit** <u>G</u> Tampa, FL | June 26, 2024

### **Complimentary Training** June 25<sup>th</sup>

**2024 Florida Transportation, Growth & Infrastructure Solution Summit Complimentary Training December 2**, 2024









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## **Alignment and Connections Corner**

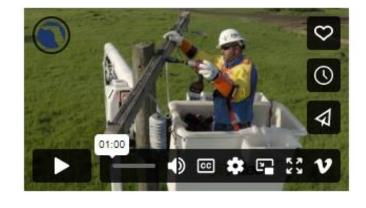
### Future of Work Florida Career Spotlight Series



Mike Rowe - What Would I Say to Kids?



Career Spotlight – Marine Mechanic



Career Spotlight - Line Worker

### **Orlando Sentinel**

### GUEST COMMENTARY

The future of work is career and technical education | Commentary

By Sam Mar 24.

Parents

others.

lessons

experier

parents

### Hiami Herald

Florida's poised for an economic boom. We ne trained to meet demand | Guest Opi

Florida Chamber Foundation recently created the Future of Work has gathered a wide array of Florida businesses to tackle this chall & Light Co.

workforce e four-year de

### **Embracing work-based learning as a** talent pipeline

Education isn't confined within classroom walls

Rachel Ludwig Fort Myers News-Press Published 6:06 a.m. ET Dec. 17, 2023 | Updated 6:06 a.m. ET Dec. 17, 2023

G 🗙 🖬 🏓

In the K-12 and postsecondary education landscape, learning m evolve to prepare students for success in the workforce. Amidst

	evolve to prepare studer	no for succes	15 111
No. of Concession, Name	Dr. Annie Wofford on STEM Careers and Work-Based Learning	36:20	
****	Sam Verghese on Florida's Talent Crisis	33:44	
Read and the	Lee Chipps-Walton (DOE) on Florida's Talent Crisis	25:35	
Read and the second	Jason Lange on Solving the Teacher Shortage	29:23	
And in case	David Cross on Florida's Talent Crisis	25:58	•

Dr. Annie Wofford on STEM Careers and Wo



Career Spotlight - Firefighter Paramedic

FUTURE OF WORK

FLORIDA



Career Spotlight - Commercial Pilot

### Future of Work Florida Podcast Player

00:00 | 36:20

Future of Work Florida Podcast



### **Register For Our Upcoming Solution Summits & Events**

Leadership Conference on Safety, Health + Sustainability Orlando, FL | May 9-10, 2024 (Board of Directors Meeting | May 9, 2024)

**2024** Florida Prosperity & Economic Opportunity Workforce Solution Summit Coral Springs, FL | May 23, 2024

**2024** Florida Learners to Earners Workforce Solution Summit Tampa, FL | June 26, 2024 (Board of Trustees Meeting | June 25, 2024)

2024 Florida Technology & Innovation Solution Summit Orlando, FL | August 22, 2024

2024 Florida Chamber Annual Meeting & Future of Florida Forum Orlando, FL | October 21-22, 2024 (Board of Trustees Meeting: October 22 | Board of Directors: October 23)

**2024** Florida Transportation, Growth & Infrastructure Solution Summit Orlando, FL | December 3, 2024

**2024** Florida Chamber Annual Insurance Summit Orlando, FL | December 4-5, 2024







### www.flchamber.com/events





## Thank You to the Future of Work Advisory Board



**Mike Brannen** SVP, Industrial and Workforce Development



MILLER ELECTRIC COMPANY



**Marian Cacciatore** VP, Human Resources





**David Cross Andrea Cichon** Vicki Greene Sr. Director, Talent Acquisition SVP, HR & Administration SVP, America's Workforce Skills & Development





**Brooke Malsberger** Director **Global Talent Acquisition** 





**Kara Marante VP & Chief People Officer** 





**Sarah Marmion Bill Solomon** Sr. Manager of Education & Dean, Workforce Education **Outreach Centers** 









Dr. Amy Hecht VP of Student Affairs









FLORIDA STATE UNIVERSITY







**Kristen Vanselow** AVP, Innovative Education & Partnerships





Sam Verghese **Chief Operations Officer** 



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ORIDA

**8 Seats Available** 





### Interested in Getting Involved? Let's Connect!

### Rachel Ludwig

Vice President Florida Chamber Foundation Phone: (850) 521-1254 Email: rludwig@flchamber.com







### Brilliant at the **Basics**

Optimizing Innovation

	١	I

Leading People

Driving Resiliency



### CareerSource CENTRAL FLORIDA

## OUR SIRALEGUS PRORTES

### Diversify revenue streams to create resiliency.

**Deliver career solutions** to Central Florida residents to ignite their potential.





Identify and deliver talent solutions for businesses and address labor market demands.





**Optimize workforce** innovations to maximize organizational value.



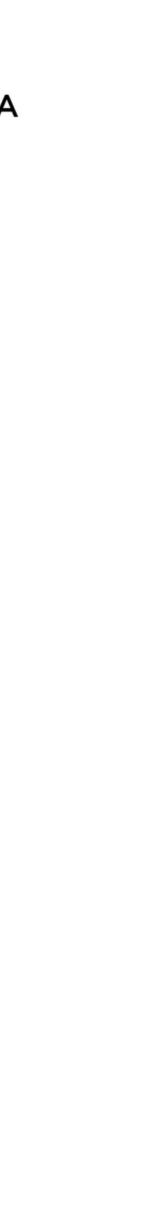




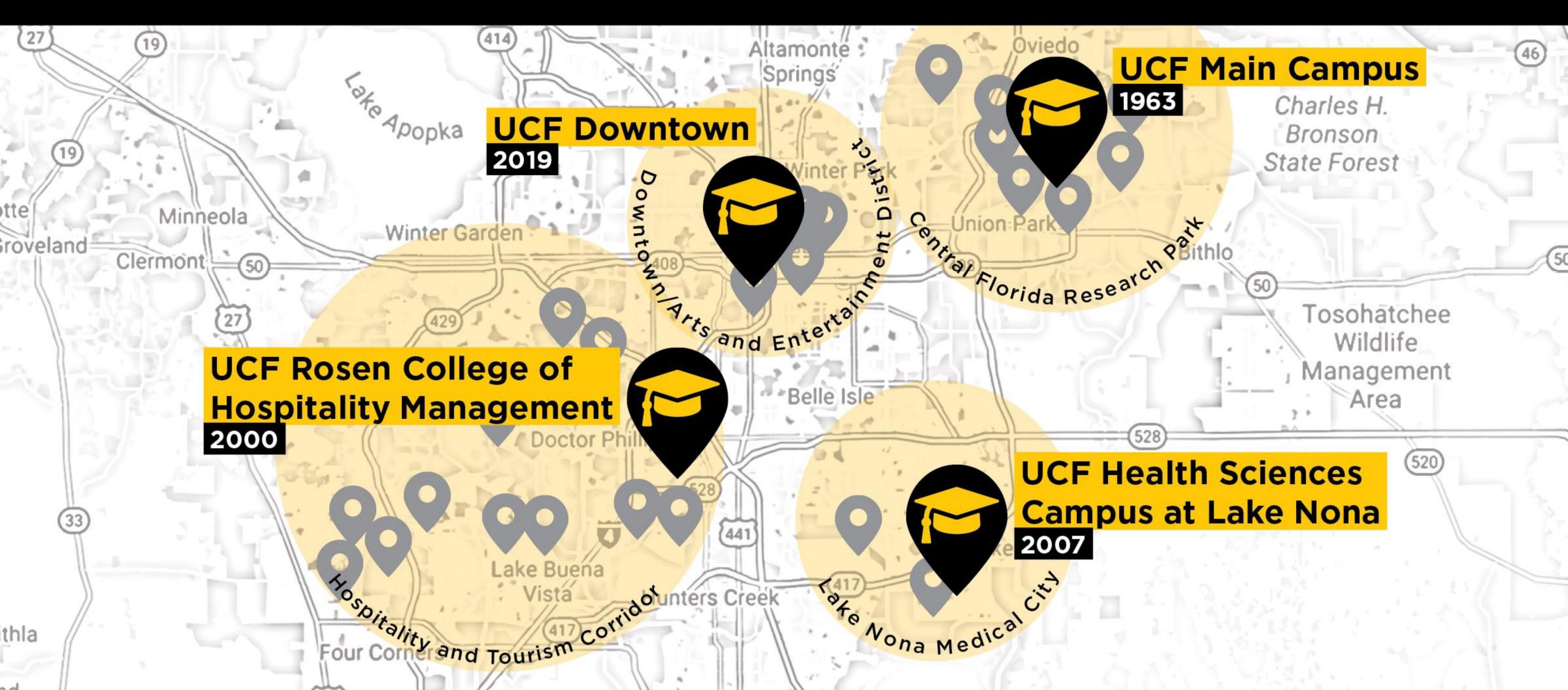
UNIVERSITY OF CENTRAL FLORIDA

# DR. ALEXANDER CARTWRIGHT

President University of Central Florida and strategic partner



# A LEADING METROPOLITAN RESEARCH UNIVERSITY





# 

### 68,684 STUDENTS ENROLLED FALL 2023

419,317 **DEGREES CONFERRED** AS OF AUGUST 2023

1323 AVERAGE SAT **INCOMING 2023 FALL FRESHMEN CLASS** 

4.24 AVERAGE GPA INCOMING 2023 FALL FRESHMEN CLASS

75% **6-YEAR GRAD RATE** 2023



346 NATIONAL MERIT SCHOLARS FALL 2023

50+ PATENTS ANNUALLY **57 PATENTS ISSUED IN 2023** 

### SUPPLIER OF GRADUATES TO U.S. AEROSPACE AND DEFENSE **INDUSTRIES** AVIATION WEEK

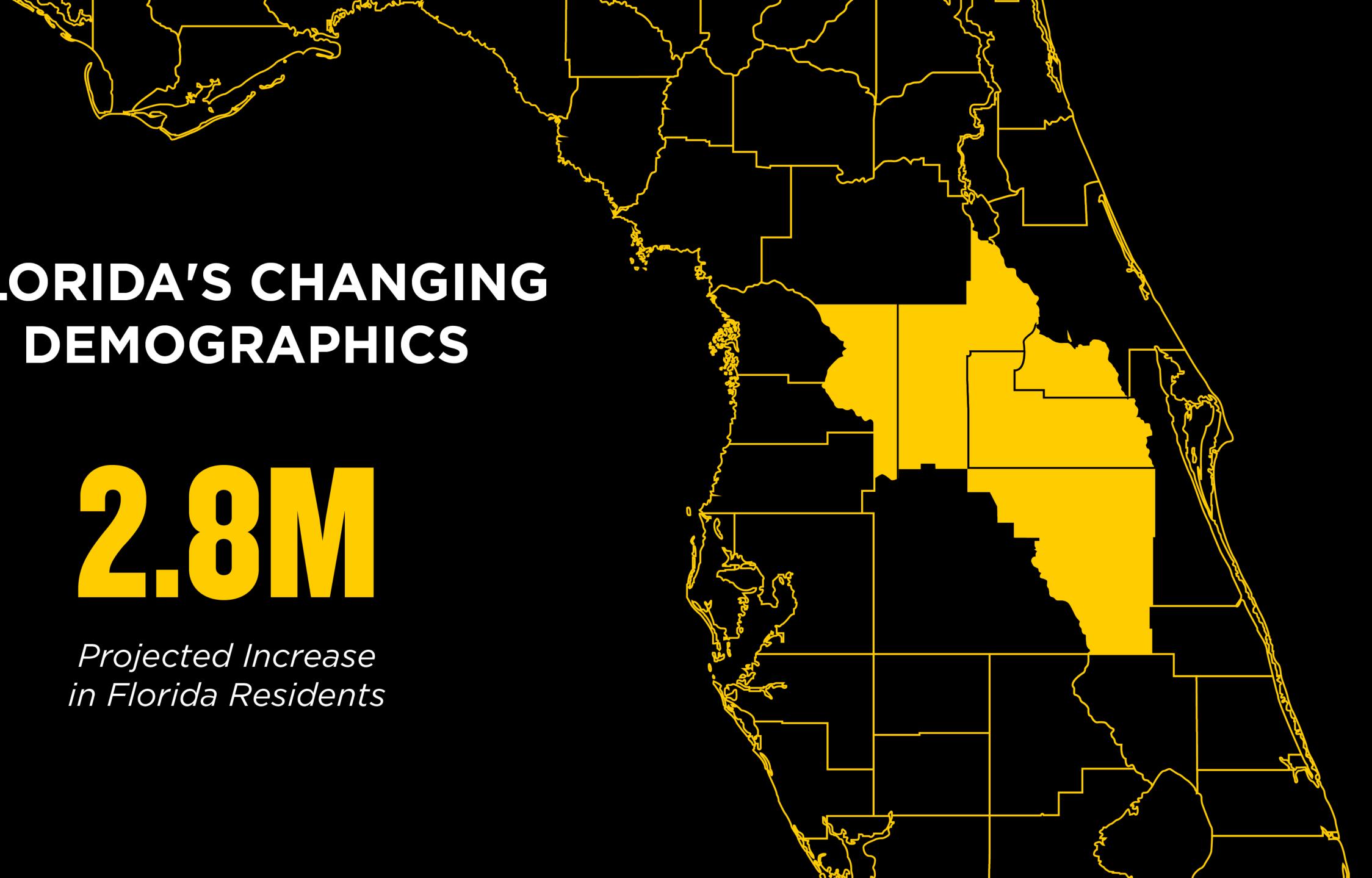
FOR HOSPITALITY AND TOURISM MANAGEMENT IN THE NATION SHANGHAI RANKING

TOP CYBERSECURITY TEAM BY **# OF NATIONAL CHAMPIONSHIPS** COLLEGIATE CYBER DEFENSE: 2014, 2015, 2016, 2021, 2022 DOE CYBERFORCE: 2018, 2021, 2022

GRADUATE VIDEO GAME DESIGN **PROGRAM IN THE WORLD** THE PRINCETON REVIEW AND PC GAMER MAGAZINE

### MOST INNOVATIVE UNIVERSITY IN THE COUNTRY **U.S. NEWS & WORLD REPORT**





# FLORIDA'S CHANGING





# New 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 to include key industries and all education partners in the region

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





## Goal & Purpose

### **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.







## Requirements

### **Industry Representative Requirements:**

- Executives and decision makers
- Industry representatives to reflect the priority industries across Central Florida

### **Education Representative Requirements:**

- Superintendents, presidents, or other leadership staff from education institutions in the local area that represent both public and private education entities in:
  - K-12 education
  - District Technical Colleges
  - State Colleges
  - Universities
  - Other degree or credential granting institutions in the local area









## **Proposed Central Florida Collaborative Design**

Education and industry leaders in the Central Florida region will establish three working groups focused on a specific level of talent needs for the region.

The collaborative will create reports and formulate recommendations on future needs and talent preparation gaps.

- K-12/Apprenticeships, Career and Technical Education  $\bullet$
- \*Vocational certificates Associates/Bachelor's Level Needs (implementing the requirements of SB 240)
- Central Florida Research & Development working group

Findings from the three working groups will be disseminated and published on the CSCF website.

\*This group will meet the needs of the SB 240 requirement. CSCF board members  $\bullet$ cannot participate. Quarterly reports will be required.









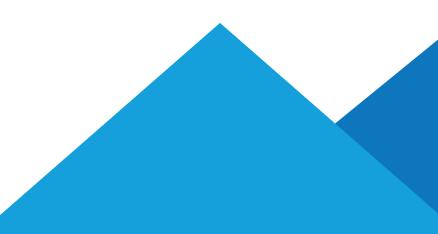
# Next Steps



- **Collaboration Interests Survey Today**
- Next Central Florida Education & Industry Consortium meetings: June, September and November
- Virtual working groups scheduled between April and June
- <u>Careersourcecentralflorida.com/meeting\_type/education-industry-consortium/</u>



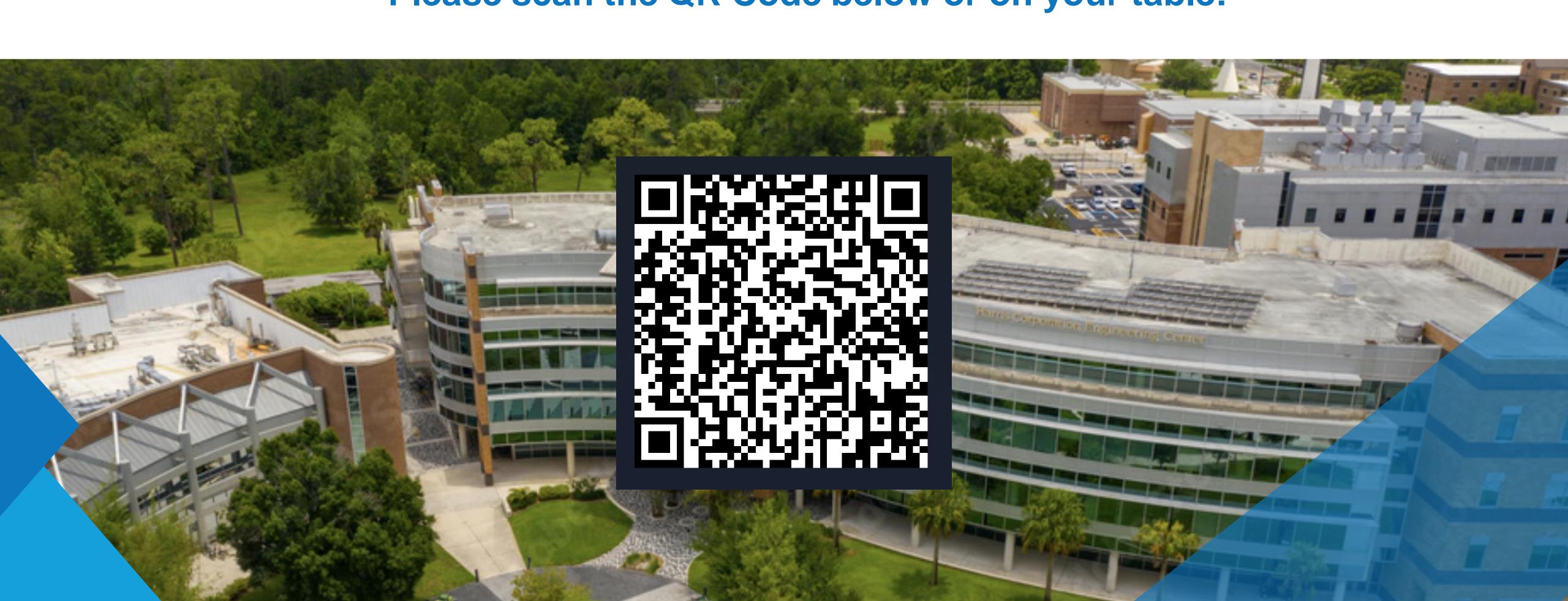






# **Education Industry Collaboration Survey**

### Please scan the QR Code below or on your table:



# **Survey Questions At-A-Glance**

The survey will help us collect information on your interest and areas of support for this initiative. It will promote you to answer the following questions:

- Contact information
- If you'd like to participate in:
  - K-12/Apprenticeships, Career and Technical Education
  - \*Vocational certificates Associates/Bachelor's Level Needs (implementing the requirements of SB 240)
  - Central Florida Research & Development working group
- Is your organization willing to host and/or sponsor an Education Industry meeting?
- What industry(s) do you want the collaboration to focus on? ullet
- What information was most insightful for you today?







# EDUCATION INDUSTRY COLLABORATION

Thank You

