Pre-Apprenticeship Action Lab

June 22, 2022
Welcome & Introduction
Agenda

• Remarks from USDOL
• Understanding the Importance of Pre-Apprenticeship
• JFF Pre-Apprenticeship Quality Framework
• State Strategies in Action
• Summary and Next Steps
Remarks from the U.S. Department of Labor

Megan Baird, Deputy Administrator, Office of Apprenticeship
Understanding the Importance Of Pre-Apprenticeship

Rachel Hirsch, National Governors Association
NGA’s Apprenticeship Work

Past:
- Policy Academy on Scaling Work-Based Learning
- Expanding Community College Apprenticeship (partner organization)
- American Apprenticeship Initiative (TA provider)

Current:
- Apprenticeship as a Strategy to Support the Development of the Transportation Workforce
- Governor’s Playbook to Leveraging Registered Apprenticeship
- Partnership to Advance Youth Apprenticeship (partner organization)

Website: www.nga.org/work-based-learning
Why is pre-apprenticeship important?

- Apprenticeship is a proven model that helps people get into and succeed in good-paying careers while earning a wage.
- Many apprenticeship programs require a certain level of skill before entering.
- Pre-apprenticeships help upskill people who might lack basic math, reading, or English skills so that they can successfully enter and complete an apprenticeship program.
- Pre-apprenticeships can help more people in your state take advantage of the earn and learn model that apprenticeship provides, and find financial security and good careers.
- Programs can serve as a reliable talent pipeline to apprenticeship programs.
Why is pre-apprenticeship important to advancing equity?

• Equitable participation rates and occupational segregation continue to be issues in apprenticeship programs, starkly by gender but also by race and other factors
  • 13% of active apprentices are women, 7% are Black (FY 2021)
  • In 2017, men’s median exit wage was $27.25/hr, women’s was $11.49/hr (reference)
  • In that same 2017 analysis, Black apprentices had the lowest exit wage of all race and ethnic groups at $14.35/hr (compared to $26.14/hr for White apprentices)

• Pre-apprenticeship can be used strategically to diversify the talent pipeline of folks entering registered apprenticeship programs, thereby directly addressing these inequities

• Strategic partnerships are key to capitalizing on this opportunity
Considerations and Challenges

- Connection to employers and registered apprenticeship is key – make sure there is an outcome that leaves students better off and more marketable than when they started
  - Examples can include: guaranteed interview or consideration for registered apprenticeship, attainment of industry-recognized credential(s), academic credit, etc.
- Pre-apprenticeship may mean different things to different people, or be used to describe different types of programs. Dispelling misunderstandings can be a part of a state strategy
- Pairing pre-apprenticeship supply with employer/apprenticeship demand can be difficult.
Potential State Strategies

• Setting a statewide pre-apprenticeship definition and goal
• Certifying pre-apprenticeships at the state level
• Leveraging funding streams that can support participant retention (ex: SNAP E&T, TANF, support for transportation or childcare, etc.)
• Educating the field on pre-apprenticeship
• Partnering with CBO’s and other entities that can strengthen recruitment and retention, especially with target populations
• Financial incentives for employers to hire pre-apprentices
• Build in data collection, feedback loops, and continuous improvement plans
Further Resources

• DOL Pre-Apprenticeship website
• Apprentices for Women are Building the Future (IWPR)
• The Apprenticeship Wage and Participation Gap (CAP)
• Women-Only Pre-Apprenticeship Programs
• Modern Apprenticeships Need Modern Preparation: Five Reasons States Should Recognize Pre-Apprenticeship Programs (JFF)
JFF Framework for a High-Quality Pre-Apprenticeship

Joshua Johnson, Director, National Innovation Hub for Diversity, Equity, Innovation & Accessibility in Registered Apprenticeship at JFF
Benefits of a Solid Framework

With JFF’s Framework for a High-Quality Pre-apprenticeship Program, you can:

• Get a deeper look into the specific, aspirational characteristics of a high-quality pre-apprenticeship program

• Draw from JFF’s 10 years of work with pre-apprenticeship programs

• Learn how to support, structure, and fund high-quality pre-apprenticeship programs that enable people from diverse populations to succeed.
JFF’s Six Key Characteristics

1. **Transparent Entry and Success Requirements**

2. **Alignment with Skills** Sought by Local Employers and High-Quality Apprenticeship Programs

3. **Culmination in One or More Industry-Recognized Credentials**

4. **Development of Skills Through Hands-On Activities and Work-Based Learning**

5. **Offering of Academic, Career Exploration, and Wraparound Supports**

6. **Transition into a Registered Apprenticeship or Other High-Quality Apprenticeship Program**
JFF’S SIX KEY CHARACTERISTICS

Transparent Entry and Success Requirements

Be clear about:

• What people need in order to enter the program
• What they need in order to succeed
• What they need in order to progress to an apprenticeship program

KEY CONSIDERATIONS:

• Understand what requirements participants need to enter an apprenticeship and implement clear strategies to meet those requirements in the pre-apprenticeship

• If there are any requirements that the pre-apprenticeship cannot help participants meet, be sure to share that information (physical capabilities, absence of specific criminal convictions, etc.)
With a focus on entering high-quality apprenticeship programs, participants should gain the necessary:

- **Soft skills**
- **Technical skills**
- **Academic credentials**
KEY CONSIDERATIONS:

At the end of a pre-apprenticeship, participants should earn credentials that:

- Are in demand and recognized by local industries
- Allow them to enter directly into the workforce
- Are stackable and portable

To ensure this, programs might need to include supports such as test delivery in their offerings
JFF’S SIX KEY CHARACTERISTICS

Development of Skills Through Hands-on Activities and Work-based Learning

Programs should include relevant hands-on activities that:

- Take place in a classroom, worksite, or lab
- Are experiential and problem-based
- Have input from employers and apprenticeship sponsors
- Help navigate workplace culture, policies, and procedures

KEY CONSIDERATIONS:

- Participants should understand what skills they’re learning and how they can apply those skills in a career
JFF’S SIX KEY CHARACTERISTICS

Offering of Academic, Career Exploration, and Wraparound Supports

Help participants:

• **Understand the industry** and what career paths are available
• **Explore** either an apprenticeship or postsecondary opportunities that align with career interests
• **Develop a career plan** that identifies short- and long-term goals, including potential barriers and possible solutions

KEY CONSIDERATIONS:

• Provide wraparound supports such as tutoring and case management (for access to resources for child care, mental health treatment, transportation, and housing etc.)
JFF’S SIX KEY CHARACTERISTICS

Transition into a Registered Apprenticeship or Other High-Quality Apprenticeship Program

Connect program graduates directly with:

- Apprenticeship programs
- Postsecondary education
- Postsecondary training

KEY CONSIDERATIONS:

- Help ensure advanced standing for participants who may qualify
THANK YOU!

Center for Apprenticeship & Work-Based Learning

Access our No Cost Technical Assistance

CONTACT

JOSHUA JOHNSON
LINKEDIN: JOSHUA JOHNSON

Email  jjohnson@jff.org
Phone  414-484-0747
State Strategies for Pre-Apprenticeship

Moderated by:
Rachel Hirsch, National Governors Association
Panelists

Joshua Johnson
Director, Innovation Hub for Diversity, Equity, Inclusion & Accessibility in Registered Apprenticeship, JFF

Dr. Amy Firestone
Vice President, Apprenticeship Carolina

Dr. Norman Ruano
Illinois Works Officer/Deputy Director, Illinois Department of Commerce and Economic Opportunity
Panel Agenda

State Example: Wisconsin
• Q&A

State Example: South Carolina
• Q&A

State Example: Illinois
• Q&A
Wisconsin Certified Pre-Apprenticeship

32 Organizations Approved

Agriculture  Construction  Finance  Manufacturing  IT  Service
Certified Pre-Apprenticeship

Certified Pre-Apprenticeship is an opportunity to help job seekers gain the necessary skills for Registered Apprenticeship. These programs can play a valuable role in preparing you for a career, while contributing to the development of a diverse and skilled workforce. For example, if you are interested in becoming an arborist or working in construction but don't have the developed skills, Pre-Apprenticeship can connect you with local employers and begin your training toward your career goals. After completing the program, visit our Registered Apprenticeship page and put your new skills to action.

Wisconsin Apprenticeship has certified 48 pre-apprenticeships across 32 program providers since 2019.
Certified Pre-Apprenticeship

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Contact Information

Jovo Potkonjak

Email: Jovo.potkonjak@employmilwaukee.org

2342 North 27th Street
Milwaukee, WI 53210

Web: https://www.employmilwaukee.org

Programs

- Financial Pre-apprenticeship Program
Process....What Worked Well....

- Advisory Council used to approve; moved to Director approval
- Organizations that applied served diverse customers
- Ability to connect employers to organizations that they never met before
- Provided employers with individuals who met the minimum qualifications
Challenges

- Organizations training individuals who aren't interested in career path
- No articulation into registered apprenticeship
- Registered Apprenticeship employers sign support letter but then don’t hire the completers
- Reporting inconsistencies from certified programs
Next Steps

- Simplified application process
- Reviewing programs for quality
- Continued expansion
- Intentionally conducting outreach to sectors who are struggling to find talent
- Intentional outreach to new sectors to create a pipeline
THANK YOU!

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LinkedIn: JOSHUA JOHNSON

Email  jjohnson@jff.org
Phone  414-484-0747
Organizational Structure
Lead South Carolina in registered apprenticeship programs that help businesses and communities thrive economically.

Through innovation, partnerships, and a spirit of excellence, Apprenticeship Carolina catalyzes the promotion of registered youth, adult, and pre-apprenticeships.

Apprenticeship Carolina is also a resource to help employers create, maintain, and maximize the use of these programs.

Apprenticeship Carolina is committed to creating and strengthening career pathways that enrich and enhance South Carolina’s existing and future workforce.
Pre-apprenticeships: How things were going before 2021
History of Pre-Apprenticeship Development Process

Prior to **2020**: Rough drafts of pre-apprenticeship standards

**Early 2020**: Created a pre-apprenticeship internal work group

**Late 2020**: Developed final standards and process and prepared pilot with Richland School District One

**2021**: Officially launched statewide pre-apprenticeship process with Richland School District One (virtual event)

**2021**: Conducted outreach and training to statewide apprenticeship peer group and other partners through webinars, webpage, signing days, and social media

**2022**: Work group and team is focusing on quality review, team training, and continual process improvement
South Carolina’s Model

- JFF Pre-Apprenticeship Framework USDOL
- the U.S. Department of Labor's Training and Employment Notice 13-12 ("Defining a Quality Pre-Apprenticeship Program and Related Tools and Resources")
- Program providers can be K-12, CBOs, companies, colleges, or other organizations
WHAT IS PRE-APPRENTICESHIP?
Six essentials for a high-quality pre-apprenticeship program.
(Jobs for the Future)
PRE-APPRENTICESHIP COMPONENTS

1. **Job-Related Education**
2. **Hands-on Training (Paid or Unpaid)**
3. **Industry-Recognized Credential**
WHO CAN BE A PRE-APPRENTICE?

Adults: any age

Youth: 16 and older (paid)
Youth: 14 and older (unpaid)
Steps to Starting a Pre-Apprenticeship

(1) Organization reaches out to their regional Apprenticeship Consultant

(2) Consultant works with organization on pre-apprenticeship standards and collects required information and documentation, including support letter from registered apprenticeship sponsor

(3) Standards are delivered to VP for Apprenticeship Carolina for final review and sign off

(4) Program may begin; Apprenticeship Carolina supports implementation

(5) Signing ceremony may be held; certification of completion are awarded from Apprenticeship Carolina
Requirements from providers

- Hands-on training (paid/unpaid)
- Classroom training
- Credentials received
- Supportive services available (if needed)
- Section on registered apprenticeships connected to pre-apprenticeship (DOL registration number)
- Letters of support from sponsor
Pre-apprenticeships: How things are now
Landscape of Certified Pre-Apprenticeships in SC

32 individual programs from 15 providers

- Technical colleges: 7
- School districts: 2
- Companies: 2
- State agencies: 2
- Community-based organizations: 2
SC’s Pre-Apprenticeship Resources

Pre-apprenticeship webpage:
https://www.apprenticeshipcarolina.com/pre-apprenticeship.html

Pre-apprenticeship work group:

USDOL grant funding to support pre-apprentices from multiple grants: $750 per person
Apprenticeship Carolina is proud to formally introduce pre-apprenticeship to South Carolina.

Pre-apprenticeship is yet another program offered by the SC Technical College System designed to build a talent pipeline for business and industry in our state.

Pre-apprenticeship programs are custom-designed to prepare individuals to enter and succeed in apprenticeship programs.

Six essentials for a high-quality pre-apprenticeship program

1. Transparent entry and success requirements

2. Alignment with skills sought by local employers and high-quality apprenticeship programs
<table>
<thead>
<tr>
<th>Pre-apprenticeship Provider</th>
<th>Program</th>
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<tbody>
<tr>
<td>AMIKids Beaufort</td>
<td>Carpenter</td>
</tr>
<tr>
<td>Carolina Cool</td>
<td>HVAC Technician/Service Installer</td>
</tr>
<tr>
<td>Columbia Urban League</td>
<td>Career Ready Leader</td>
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<tr>
<td>Dependable Service</td>
<td>Plumber</td>
</tr>
<tr>
<td>Greenville Technical</td>
<td>Lockheed Martin Pre-Apprenticeship Training</td>
</tr>
<tr>
<td>Midlands Technical College</td>
<td>Certified Nursing Assistant</td>
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<tr>
<td></td>
<td>Construction Craft Laborer</td>
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<tr>
<td></td>
<td>Software Engineer</td>
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<tr>
<td>Orangeburg-Calhoun Technical College</td>
<td>Line Maintainer</td>
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<tr>
<td>Richland County School District</td>
<td>Transportation</td>
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<td></td>
<td>Health Sciences</td>
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<td></td>
<td>Digital Arts</td>
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<td></td>
<td>Pre-Engineering</td>
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<tr>
<td></td>
<td>Business, Marketing, Finance</td>
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<td>Hospitality and Culinary</td>
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<td>Agriculture and Natural Resources</td>
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<td></td>
<td>Construction &amp; Manufacturing</td>
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<td></td>
<td>IT</td>
</tr>
<tr>
<td>Richland Two School District</td>
<td>EMT Bootcamp</td>
</tr>
<tr>
<td>SC Regional Housing Authority No. 3</td>
<td>Property Maintenance Technician</td>
</tr>
</tbody>
</table>
| Spartanburg Community College | CNA  
|                            | Operation Workforce Training  
|                            | Injection Molding  
| Tri-County Technical College | ECG  
|                            | Heavy Equipment  
|                            | Linework  
|                            | Manufacturing Works  
| Trident Technical College  | Culinary Fundamentals  
|                            | Culinary Advanced  
|                            | Baking and Pastry Fundamentals  
|                            | Baking and Pastry Advanced  
| York Technical College     | Utility Line Worker  

For more information about pre-apprenticeship, contact your local apprenticeship consultant today!
Challenges and Opportunities

- Significant additional outreach and training needed statewide
- Employer commitment
- Process for tracking pre-apprentice to apprentice and communication
- Tracking data and outcomes
- Meeting program demand and ensuring quality
FOLLOW US ON SOCIAL MEDIA

ApprenticeshipCarolina
Apprenticeship.Carolina
ApprenticeshipCarolina
ApprenticeshippSC (Note: There is no second “i” in the handle)
SCTechSystem
Office of Illinois Works and Its Programs

Norman Ruano, Deputy Director of Illinois Works

June 22, 2022
What is Illinois Works?

Portfolio of programs designed to bring equity and inclusion to construction and the trades, to provide career opportunities to underrepresented populations, and create a long term and sustainable pipeline for construction and the trades in Illinois.

- The Illinois Works Jobs Program Act (signed into law in 2019) establishes a statewide initiative to ensure that all Illinois residents have access to State capital projects and careers in the construction industry and building trades and to provide contracting and employment opportunities to historically underrepresented populations in the construction industry.

- Three major programs being implemented:
  - The Illinois Works 10% Apprenticeship Initiative
  - The Illinois Works Pre-Apprenticeship Program
  - The Illinois Works Bid Credit Program
How it Came About?

- **The Illinois Works Jobs Program Act** is a result of Governor Pritzker’s 6-year Rebuild Illinois Capital Development Plan. The plan which invests $45 billion in infrastructure and capital projects was signed into law in 2019.

- Rebuild Illinois received strong support from both the Black and Latino caucuses in the Illinois General Assembly.
Why It Came About?

- **Illinois has an aging construction labor force.** There is concern about the ability to execute large capital initiatives such as Rebuild Illinois ($45 billion), and the Federal Infrastructure Bill (from $15 to $20 billion for Illinois).

- **Key demographic groups are seriously underrepresented in construction and the trades.** Only 5% of Illinois apprentices are women, and only 9% are African American. The representation has not significantly changed in the last decade—it has stayed the same for African Americans.
How is Illinois Works Innovative?

The three programs act as pieces of an innovative workforce development puzzle:

- The Apprenticeship Initiative creates demand for apprentices
- The Pre-Apprenticeship Program creates a diverse and ready-to-work talent pipeline
- The Bid Credit Program provides incentives for contractors to hire and retain Illinois Works pre-apprenticeship program graduates
Apprenticeship Initiative

*Program to increase the participation of apprentices on high dollar public works projects.*

- State agencies reported 1460 projects totaling $4.1 billion up to now:

<table>
<thead>
<tr>
<th>State Agency</th>
<th>Number of projects reported</th>
<th>Sum of Project Estimated Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capital Development Board</td>
<td>77</td>
<td>$619,398,475</td>
</tr>
<tr>
<td>Department of Commerce and Economic Opportunity</td>
<td>88</td>
<td>$382,723,378</td>
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<tr>
<td>Department of Natural Resources</td>
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<td>$2,466,588</td>
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<td>Department of Transportation</td>
<td>1113</td>
<td>$1,772,076,396</td>
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<tr>
<td>Illinois Environmental Protection Agency</td>
<td>168</td>
<td>$1,354,410,609</td>
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<tr>
<td>Secretary of State</td>
<td>11</td>
<td>$41,764,583</td>
</tr>
<tr>
<td>Total</td>
<td>1460</td>
<td>$4,172,840,029</td>
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Pre-apprenticeship Program

Grant program that creates, throughout the state, a qualified talent pipeline to fill job opportunities with diverse candidates—23 grantees throughout the State of Illinois

- As of June 22, 2022, 651 residents are enrolled, and we expect to be at about 1,000 by end of December of 2022
Bid Credit Program

Program that provides incentives to contractors to hire and retain Illinois Works Pre-Apprenticeship Program graduates.

- Finalizing the program’s framework and rules
- Applicant tracking system and bid credit system will be ready for use at the end of July of 2022
Questions?
Summary