United States Department of Labor / Office of Apprenticeships
Wireless Infrastructure Apprenticeship Access Initiative (WIAAI)
Year End Presentation
September 8, 2017
### Year 1 Opportunity Partnership Goals, Accomplishments, and Outcomes

#### Goals/Deliverables
- Identification of occupations that are “apprenticeable"
- Creation of RTI curriculum to support new occupations; vetting of curriculum among industry subject matter experts; rollout of curriculum among equity partners
- Registration of apprenticeship programs
- Collaboration with NUL Affiliates to leverage their partnerships with local employers
- Development and dissemination of information about WIAAI’s DOL initiative to industry and affiliate networks and other channels
- Creation and expansion of Opportunity Partnerships

#### Outcomes

<table>
<thead>
<tr>
<th>Goal/Deliverable</th>
<th>Year 1</th>
<th>Year 2</th>
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<tbody>
<tr>
<td>Opportunity Partnerships</td>
<td>33</td>
<td></td>
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<tr>
<td>Apprentice Agreements Created</td>
<td>743</td>
<td>27</td>
</tr>
<tr>
<td>Employer Inquiries</td>
<td>45</td>
<td>6</td>
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<tr>
<td>Developed RTI and WPS for Fiber Optic Technician occupation (90%)</td>
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<tr>
<td>Employer Registrations</td>
<td>14</td>
<td></td>
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<tr>
<td>Program Overviews</td>
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<tr>
<td>Registered Occupations</td>
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<tr>
<td>Doubling Opportunity Partnerships</td>
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## Year 1: Outreach, Outcomes, and Follow-Up of Other Hosted Events

### Events Attended, Hosted, Or Streamed

<table>
<thead>
<tr>
<th>Apprenticeship-Focused Panels</th>
<th>Industry Panels</th>
<th>Attendees Reached</th>
<th>Social Media User Reach</th>
<th>Live Streams and Webinars</th>
<th>Case Studies</th>
</tr>
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<tbody>
<tr>
<td>11</td>
<td>7+</td>
<td>4500+</td>
<td>2.5 Million+</td>
<td>4</td>
<td>4</td>
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### Outreach and Promotion Results

- Hosted "Transform Your Wireless Workforce with Registered Apprenticeship" webinar in collaboration with Jobs for the Future
- Hosted and live streamed 4 Apprenticeship-focused sessions at 2 MMTC conferences and 4 Apprenticeship-focused sessions at WIA’s Wireless Infrastructure Show
- Participated in Apprenticeship panels and sessions at AAI National Meeting, Apprenticeship Forward Conference, and TIA Connectivity Jam
- Hosted weekly teleconferences with each of the 14 employers
- MMTC SME Dr. Rikin Thakker co-authored WIA white paper on Wireless Infrastructure Skills Gap
- Created and distributed 29CFR30 and WIAAI Fact Sheets at conferences hosting more than 4,500 attendees

- Promoted apprenticeship sessions in eblasts to listserv of over 15,000 subscribers
- Issued media advisories to 150+ press list promoting apprenticeship sessions
Launched Apprenticeship website

- Highlights benefits of Registered Apprenticeship for employers and workers
- Lists apprenticeship opportunities, Affiliates network, employers’ network, and sponsorship opportunities
- Includes downloadable resources and links including 29 CFR 30 Fact Sheet

www.nulapprenticeships.org
Diversity Summit at the Wireless Infrastructure Show
An Industry Association to Create a Pathway for Diversity & Inclusion in Apprenticeship

Vertical Limit: Developing Effective Apprenticeships

Fiber Optic Apprenticeship at Charlotte Urban League
A WIAAI Consortium Solution through the ULCC Apprenticeship Model

Building a Network of Access and Opportunity in Registered Apprenticeship
Challenges Faced, Lessons Learned, and Recommendations Moving Forward

Challenges Faced

- Building the type of foundation needed to launch apprenticeships into ICT industry required to provide a sustainable program takes time.
- Building on our program experience and relationships, we want to focus directly on building partnerships and offering the best career options and apprenticeship programs to underrepresented communities, but infrastructure needed to be built first.

- Factor More time for Curriculum Development & Training Infrastructure
- Factor Time Needed for Occupation Approval
- Employers would like to see additional occupations beyond the six currently offered. More are in the queue at DOL.
- Building a 21st century curriculum for the wireless apprentices that has career pathways is not an easy task
- Even after the Consortium creates the curriculum for the Pre-Apprenticeship Program, all the employers must vet and approve the curriculum, and their needs must all be addressed and harmonized.
Challenges Faced, Lessons Learned, and Recommendations Moving Forward

Lessons Learned and Recommendations

➢ Factor More time for Curriculum Development & Training Infrastructure
➢ Factor Time Needed for Occupation Approval
➢ Use Employer Incentives Earlier; Secure Pre-apprenticeship Training Funds
➢ Better Training and Coordination on Use of Salesforce and RAPIDS
➢ Better Define Equity Performance Goals for Diversity and Inclusion Beyond the Wireless, Telecommunications and ICT Industry
➢ Better Alignment with USDOL OA, Opportunity Partners, and Employers
Year 2 Expansion and Implementation Highlights

• Launch of Pre-apprenticeship and Preparatory Training Curriculum
• Expansion to Historically Black Colleges and Universities (HBCUs)
  • Bowie State University
  • Clark Atlanta University
  • Coppin State University
  • Howard University
  • Morehouse College
  • Morgan State University
  • Spelman College
  • University of Maryland Eastern Shore
  • University the of District of Columbia
  • Virginia State University
• Expansion of NUL Affiliate partners...
Year 2 Expansion and Implementation Highlights

WIAAI Consortium Opportunity Partners Grew from...

1. Charlotte, NC
2. Chicago, IL
3. Houston, TX
4. Pittsburgh, PA
5. Rochester, NY
6. Seattle, WA
7. Virginia Beach, VA
8. Akron, OH
9. Atlanta, GA
10. Baltimore, MD
11. Cincinnati, OH
12. Columbia, SC
13. Columbus, OH
14. Elizabeth, NJ
15. Fort Lauderdale, FL
16. Fort Wayne, IN
17. Grand Rapids, MI
18. Greenville, SC
19. Hartford, CT
20. Jacksonville, FL
21. Knoxville, TN
22. Las Vegas, NV
23. Lexington, KY
24. Los Angeles, CA
25. Madison, WI
26. Memphis, TN
27. Minneapolis, MN
28. Nashville, TN
29. New Orleans, LA
30. Newark, NJ
31. Oklahoma City, OK
32. Peoria, IL
33. Philadelphia, PA
34. San Diego, CA
35. St. Petersburg, FL
36. Stamford, CT
37. Tucson, AZ
38. Wichita, KS
Year 2 Expansion and Implementation Highlights

WIAAI Consortium Opportunity Partners Are Growing from…

1. Akron, OH
2. Atlanta, GA
3. Baltimore, MD
4. Charlotte, NC
5. Chicago, IL
6. Cincinnati, OH
7. Columbia, SC
8. Columbus, OH
9. Fort Lauderdale, FL
10. Fort Wayne, IN
11. Grand Rapids, MI
12. Greenville, SC
13. Hartford, CT
14. Houston, TX
15. Jacksonville, TN
16. Knoxville, TN
17. Las Vegas, NV
18. Lexington, KY
19. Los Angeles, CA

Opportunity Partnerships: 33 → 64

Washington D.C.

20. Madison, WI
21. Memphis, TN
22. Minneapolis, MN
23. Nashville, TN
24. New Orleans, LA
25. Newark, NJ
26. Oklahoma City, OK
27. Peoria, IL
28. Philadelphia, PA
29. Pittsburg, PA
30. Rochester, NY
31. San Diego, CA
32. Seattle, WA
33. St. Petersburg, FL
34. Stamford, CT
35. Tucson, AZ
36. Virginia Beach, VA
37. Wichita, KS
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