

Manufacturing a Future Post-Release

Two Paths to High-Skill Manufacturing Jobs

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Training and Technical Assistance Provider (TTA)

- Assistance to grantees on focused education, employment, and reentry
- Connect grantees to peer networks, best practices, and resources

Agenda

- Welcome and introductions
- Panel discussion
- Audience Q&A
- Key Takeaways

Manufacturing Jobs are in demand

Workforce

2.1 Million Manufacturing Jobs Could Go Unfilled by 2030

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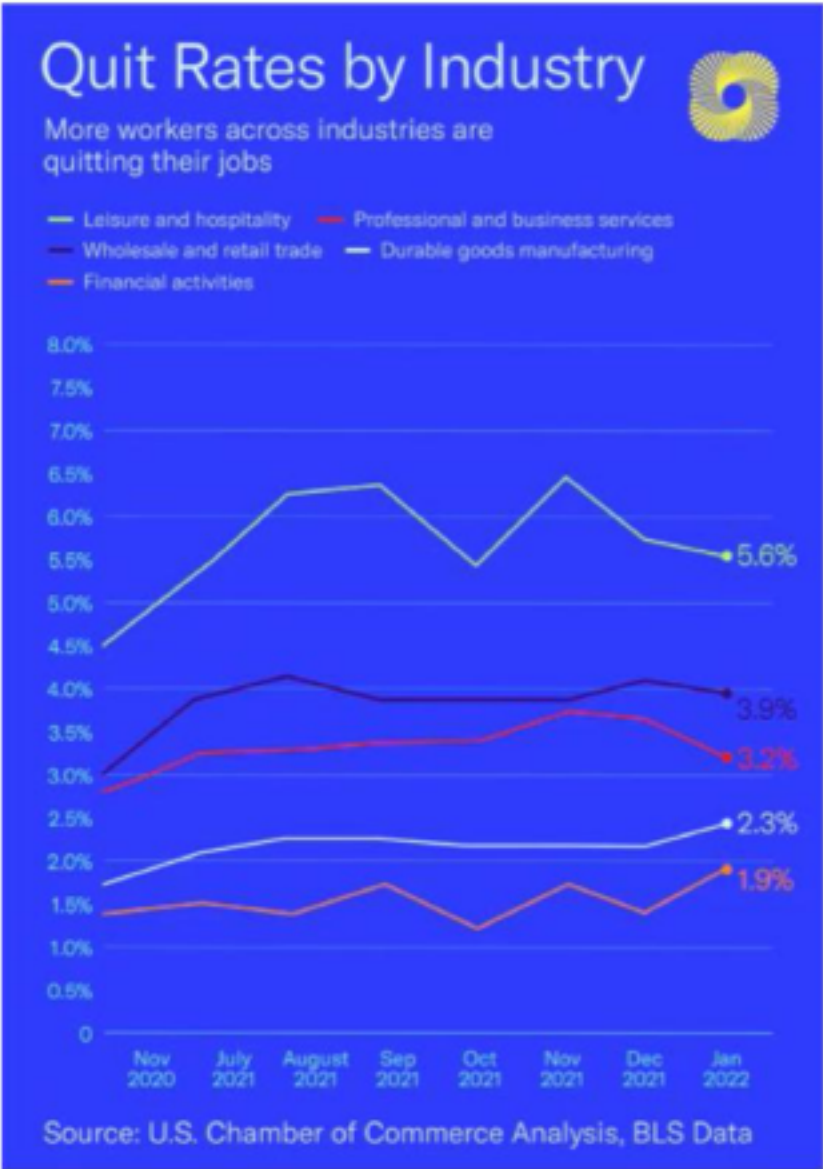
By NAM News Room | May 4, 2021 1:27pm



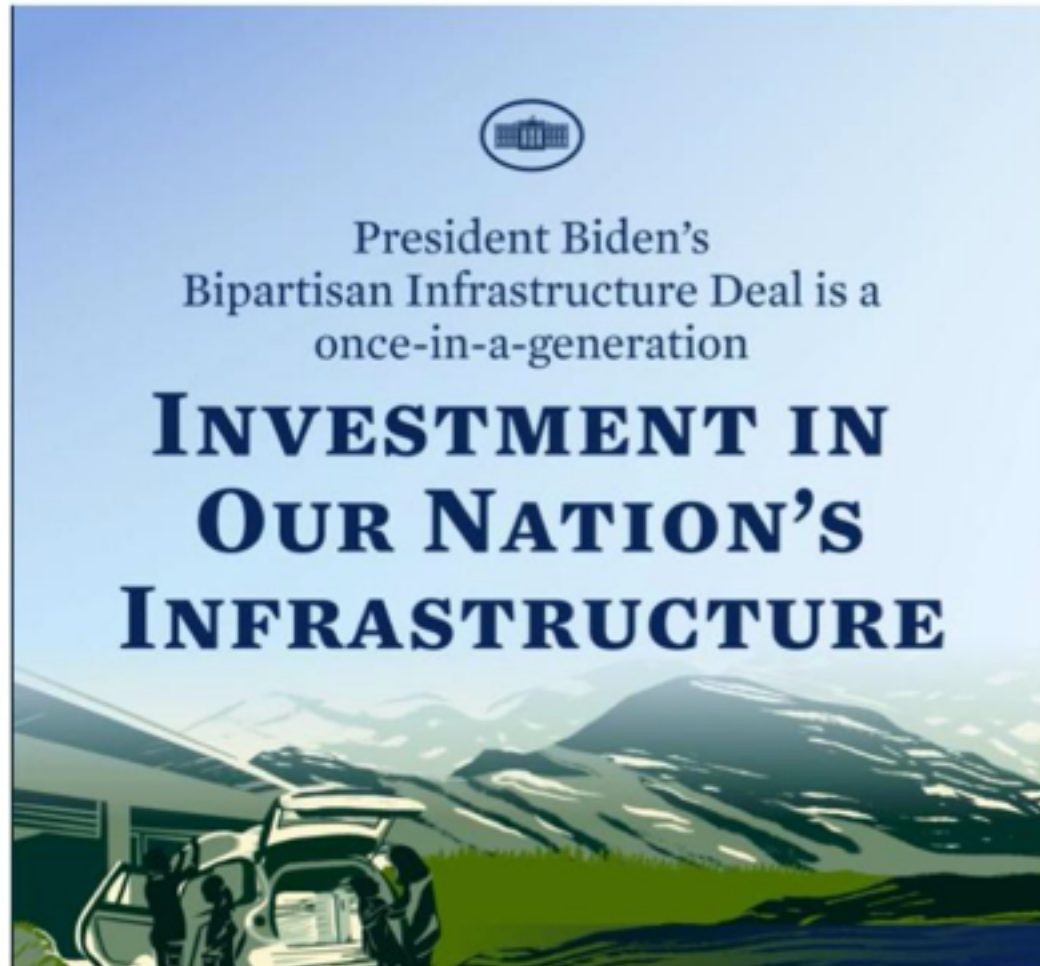
RUN » HUMAN RESOURCES

What to Know About **Second Chance Hiring** and Why It Could Help Solve Your Labor Problems

There's a massive pool of untapped talent that small businesses can benefit from using second chance hiring. Here's how to do it.



Infrastructure Investment and Jobs Act



- Establishes programs to encourage energy efficiency, the domestic sourcing and manufacturing of battery storage, solar panels, windmills, and other clean energy technologies.
- Provides \$500 million for five clean energy demonstration projects that use technologies such as solar, microgrids, geothermal, direct air capture, storage, and advanced nuclear.
- Funds a \$500 million grant program over five years for efficiency building codes in public schools, and \$120 million to boost energy efficiency in manufacturing and industrial facilities.

Panelists

- **George Chochos (moderator)**, Senior Program Associate, Vera Institute of Justice
- **Jennifer Sanders**, School Superintendent, Ohio Central School System, Ohio Department of Rehabilitation and Correction
- **Derek Reilley**, Program Director, Colby Community College
- **Matthew Fieldman**, Executive Director, America Works
- **Danny Denio**, Regional Manager, Blue Raven Solar

Jennifer Sanders, Ohio Central School System



- The Ohio Central School System is a school district operating within the Ohio Department of Rehabilitation and Correction, which also encompasses workforce development.
- The purpose of the school system...is to “provide educational programs for prisoners to allow them to complete adult education courses, earn Ohio certificates of high school equivalence, or pursue vocational training.”

Derek Reilley, Colby Community College



- Sustainable-Renewable Energy 9-month program at Norton Correctional Institution
- According to the Bureau of Labor Statistics, employment of solar photovoltaic (PV) installers is projected to grow 52 percent from 2020-2030, and wind turbine service technicians is projected to grow 68 percent during the same period. The continued expansion and adoption of renewable energy will result in excellent job opportunities for qualified individuals, particularly those who complete courses at a community college or technical school.



Quick Facts: Wind Turbine Technicians

2020 Median Pay ?	\$56,230 per year \$27.03 per hour
Typical Entry-Level Education ?	Postsecondary nondegree award
Work Experience in a Related Occupation ?	None
On-the-job Training ?	Long-term on-the-job training
Number of Jobs, 2020 ?	6,900
Job Outlook, 2020-30 ?	68% (Much faster than average)
Employment Change, 2020-30 ?	4,700

Matthew Fieldman, America Works

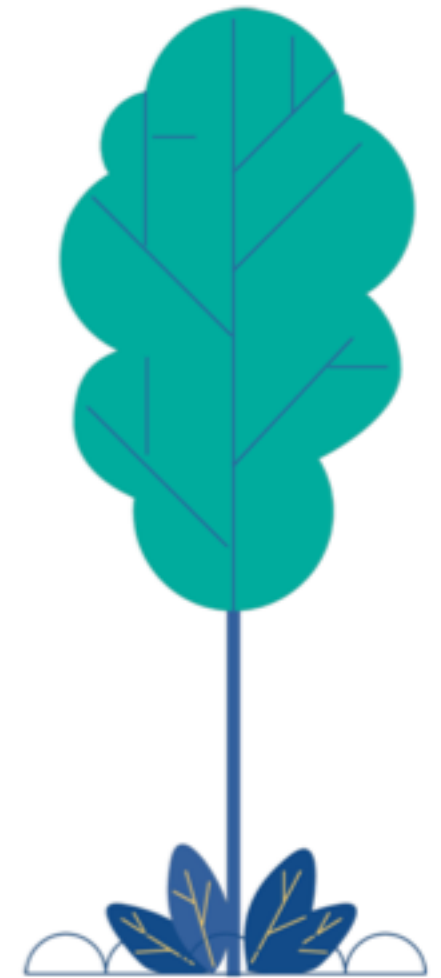
What is the Manufacturing Extension Partnership (MEP) National Network?

What is America Works?

How can MEP Centers help me connect with re-entry folks as possible employees?

Examples from Around the Country

- MAGNET's ACCESS Program (Cleveland)
- Purdue's Manufacturing Skills for Success (Indiana)
- Basics of Manufacturing (Missouri)
- In-prison manufacturing training (Montana and Rhode Island)
- Where MEP Centers can add the most value
- Find Your Local MEP Center:
<https://www.nist.gov/mep/centers/map>



Danny Denio, Blue Raven Solar



Mission

Our mission is to make homeowners' lives better by reducing their energy bills, by increasing their reliance on clean and abundant renewable energy, and by providing a world-class customer experience through a reliable sales process and a speedy, high-quality installation.

KEY TAKEAWAYS

- Think about innovative ways college and corrections can develop green technology programs.
- Investigate opportunities to train people for jobs in infrastructure.
- Partners with manufacturing associations to create pathways to high-wage, high-demand jobs for incarcerated people.
- Provide real-world training inside prisons – don't settle for simulations!

Audience

Q & A

Contact information

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