# A Clean Energy Workforce and the Path to Equity

Nikki Luke

March 2, 2023











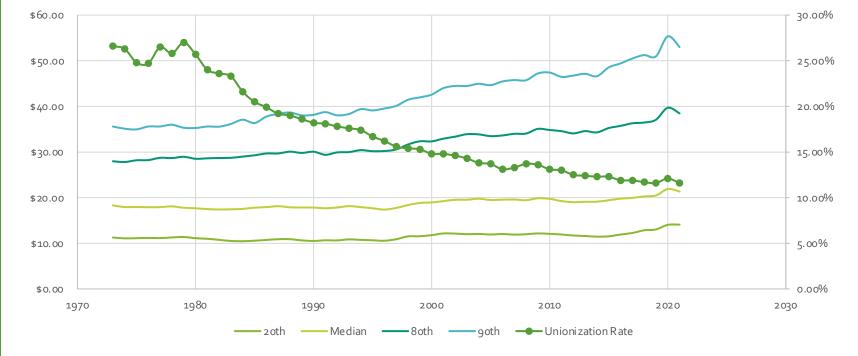
AUGUST 19, 2022

#### FACT SHEET: The Inflation Reduction Act Supports Workers and Families

BRIEFING ROOM 

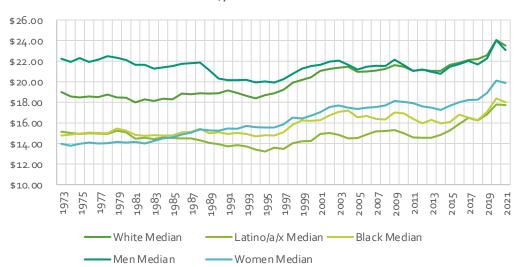
STATEMENTS AND RELEASES

### Unionization

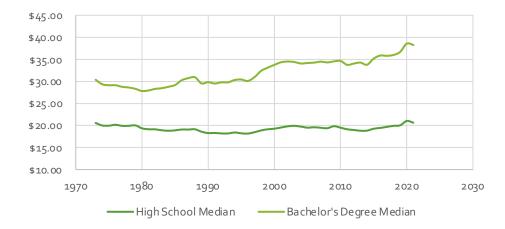


Changes in Unionization Rate and Hourly Wages for Workers in Lowest and Highest Quintiles

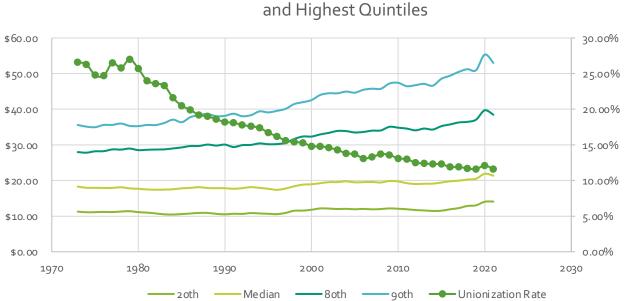
Author compiled based on EPI data (2023)



#### Change in Median Wages by Education (1973-2021), in 2021 dollars







#### Changes in Unionization Rate and Hourly Wages for Workers in Lowest and Highest Quintiles

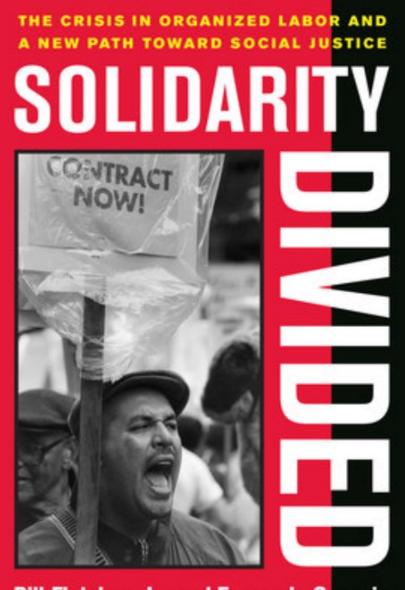
#### Change in Median Wages by Race and Gender (1973-2021), in 2021 dollars

## Research Questions

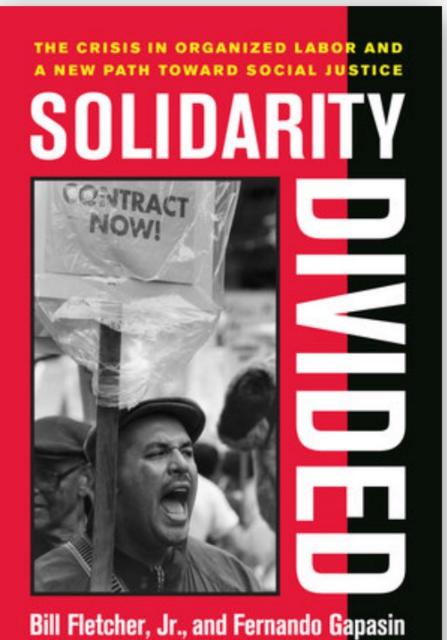
- 1. Why is energy policy seen as labor policy?
- 2. How and why is workforce training central to energy policy?
- 3. How can federal policy address geographic disparities in good job creation in light of the uneven geographical development of labor markets in the U.S.?

## Overview of Today's Talk

- 1. Theoretical background on the historicalgeographies of labor in the U.S.
- 2. Genealogy of "green jobs" beginning in the 1970s
- 3. Demonstrate three examples of "green jobs" training established in Atlanta
- 4. Connect historical lessons from "green jobs" training to the need for enforcement to realize good jobs in implementation of federal legislation.



Bill Fletcher, Jr., and Fernando Gapasin



N FOR LABOR BY TWO OF ITS LEADING ACTIVIST INTELLECTUAL

 Labor geographies ask how workers resist uneven geographical development (Herod, 1997; Hunter 1997; Eskew 2001; Tufts and Savage 2007; Peck 2016; De Lara 2018; Mazer 2019; Keegan 2020)

- Economic geographers seek to de-naturalize the geographies of uneven development (Massey 1984; Smith 2006; Peck et al. 2022)
- Scholarship on racialized uneven development and Black geographies considers how space is produced, known, and lived (Woods 1998; 2017; McKittrick 2006; Wright 2006; Gilmore 2007; Wright 2020; Drake Rodriguez 2021)

Geographies of Labor Law in the U.S. • National Labor Relations Act of 1935

- Established framework for collective bargaining that became part of social welfare regime (Windham 2017)
- Enacted divisions between women's work and work predominately carried out by Black and immigrant workers (Quadagno 1996; Lichtenstein 2003; Katznelson 2006)
- Meant "the extension to the federal scale—through differentiations of protections from calamity and opportunities for advancement—of the South's apartheid practices" (Gilmore 2002, 18).

Geographies of Labor Law in the U.S.

#### • 1947 Taft Hartley Act

- A. Phillip Randolph (1966: 108) observed "the black and white working poor in the 'Right-to-Work' states of the South, noted for sweat-shop starvation wages, are not free to organize bonafide unions to fight for living wages."
- Inaugurated "sociospatial undercutting" based in a "new politics of capital mobility and protecting states of regulatory exception" (Peck 2016, 10).



I NEWS ¥ CULTURE ↓ MUSIC ∩ PODCASTS & SHOWS Q SEARCH

PLANET MONEY



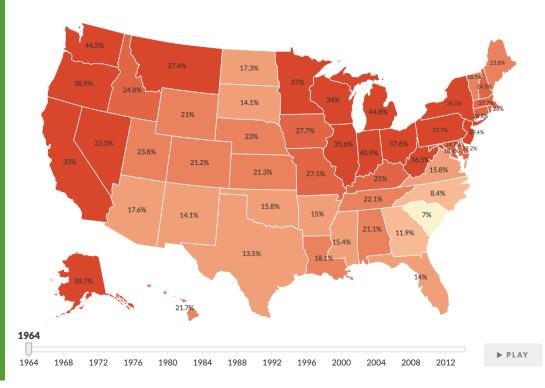
#### 50 Years Of Shrinking Union Membership, In One Map

SUBSCRIBE IMICAL February 23, 2015 · 11:04 AM ET

f

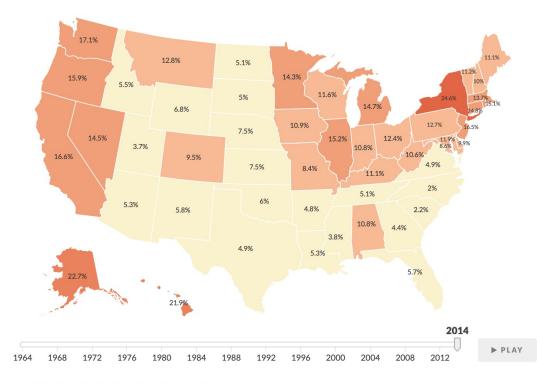
#### Percentage of Workers In Unions

QUOCTRUNG BUI 🔰



Source: Barry Hirsch, David A. Macpherson, and Wayne G. Vroman Credit: Quoctrung Bui/NPR

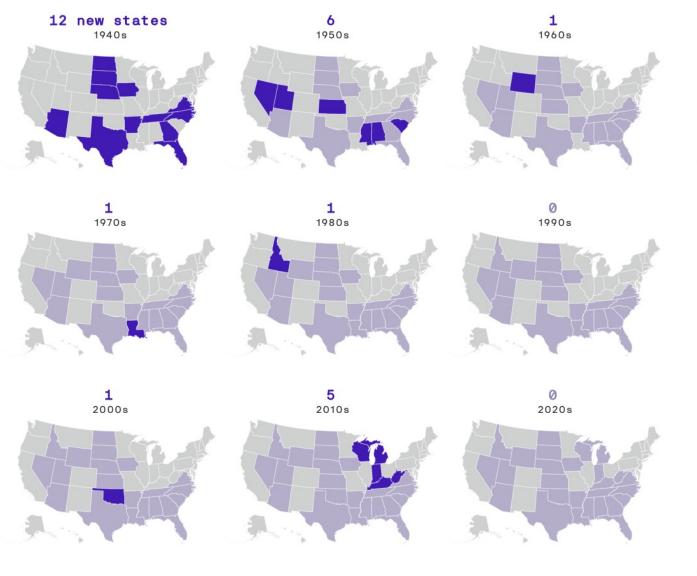
#### Percentage of Workers In Unions



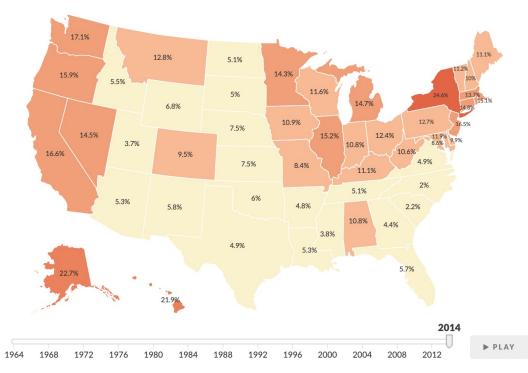
Source: Barry Hirsch, David A. Macpherson, and Wayne G. Vroman Credit: Quoctrung Bui/NPR

#### States enacting new "right-to-work" legislation

27 states as of Sept. 5, 2022



Percentage of Workers In Unions



Source: Barry Hirsch, David A. Macpherson, and Wayne G. Vroman Credit: Quoctrung Bui/NPR

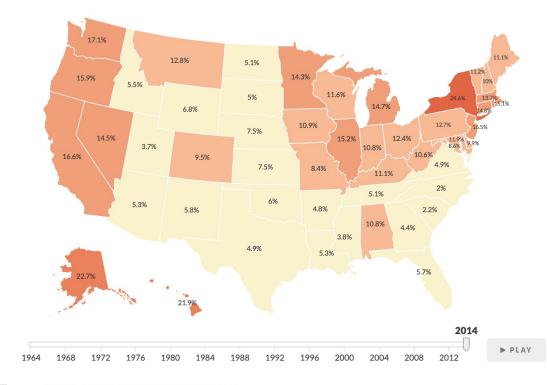
Data: NCSL; Map: Kavya Beheraj and Nicki Camberg/Axios

#### Workers' rights preemption in the U.S.

A map of the campaign to suppress workers' rights in the states

Overvi Minimum wa ew (MW)		age Fair scheduling (FS)		Project labor agreements (PLA)				Prevailing wage PW)	Paid leave (PL)	<b>Gig economy</b> (GE)			
standard: back dow four state	s for work vn with pr es have pr	king peop reemption reemptior	le, but sta —the use	te legislat of state la t target ke	ures are l aw to voic y worker	owering t l local orc	s that rais those star dinances. elect a cat	ndards Forty-	Vt.	Maine PL, GE N.H. GE	<b>Georgia</b> Georgia has p laws for:	reemption	
Wash. Ore. MW, PL	Idaho MW, PW, GE Nev. PLA, GE	Mont. PLA, GE Wyo. GE	N.D. MW, PLA, GE S.D. PLA, GE	Minn. Iowa <sup>MW, FS,</sup> PLA, PL,	III. GE Ind. MW, FS, PW, PL,	Wis. MW, PLA, PL, GE Ohio MW, FS, PL, GE	Mich. MW, FS, PLA, PW, PL, GE Pa. MW	N.Y. N.J. Pl	R.I. MW, PL, GE		Minimum wage (2004) Fair scheduling (2017) Prevailing wage (2013)		
Calif. <sub>GE</sub>	Utah <sup>MW,</sup> PLA, PW, GE	Colo. MW, GE	Neb.	GE Mo. MW, PLA, PL, GE	PW, PL, GE Ky. MW, PW, PL, GE	W.Va. PLA, GE	Va. <sub>GE</sub>		Del. <sub>GE</sub>		Paid leave (2004	4)	
	Ariz. PLA, PW, GE	N.M. ge	Kan. MW, FS, PLA, PW, PL, GE	Ark. MW, FS, PLA, PL, GE	<b>Tenn.</b> MW, FS, PLA, PW, PL. GE	N.C. MW, PLA, PL, GE	S.C. MW, PLA, PL,	D.C.					
			Okla. MW, PLA, PL, GE	La. MW, PLA, PW, PL	Miss. <sup>MW,</sup> PLA, PL, GE	Ala. MW, FS, PLA, PL	Ga. MW, FS, PW, PL						
Alaska <sub>GE</sub>	<b>Hawaii</b> <sub>GE</sub>		Texas MW, GE					Fla. MW, PLA, PW, PL, GE					





Source: Barry Hirsch, David A. Macpherson, and Wayne G. Vroman Credit: Quoctrung Bui/NPR

#### JOBS AND PRICES IN THE WEST COAST REGION

HEARING BEFORE THE JOINT ECONOMIC COMMITTEE CONGRESS OF THE UNITED STATES

NINETY-FOURTH CONGRESS

FIRST SESSION

THIRTIETH ANNIVERSARY SERIES JANUARY 12, 1976

Printed for the use of the Joint Economic Committee



U.S. GOVERNMENT PRINTING OFFICE WASHINGTON : 1976

For sale by the Superintendent of Documents, U.S. Government Printing Office Washington, D.C. 20402 - Price \$1.90

79-189

JOBS AND PRICES IN THE WEST COAST REGION

HEARING BEFORE THE JOINT ECONOMIC COMMITTEE CONGRESS OF THE UNITED STATES NINETY-FOURTH CONGRESS

JOBS FOR THE ENVIRONMENT-THE COMING GREEN COLLAR REVOLUTION

(By Patrick Heffernan, University of California at Berkeley)

The second largest public works program in the State and in the nation today is the construction of wastewater treatment facilities to meet the standards of the Clear Water Act. Other environmental protection programs in California that provide meaningful work for thousands of Californians include the manufacture of air pollution control systems, the operation of mass transportation

U.S. GOVERNMENT PRINTING OFFICE WASHINGTON : 1976

For sale by the Superintendent of Documents, U.S. Government Printing Office Washington, D.C. 20402 - Price \$1.90

79-189

"It doesn't matter what color you are, you need a good job, you need affordable housing, you need health care. And so that should be the glue - the economic interest.... the thinking would seem to me, its pretty common sense, politically" - Interview, June 28, 2019

## Labor and Welfare Policy Changes

#### PROMISING PROGRAMS

Job Training Partnership Act

How JTPA

Programs Work

Lloyd W. Tindall Sally B. Hedberg

Mark, a learning disabled California high school student, was depressed because he could not compete with his peers in regular classes. He was bored with his special class. What he really wanted was a job. With the help of his teacher, a work experience coordinator, his parents, a vocational evaluator, and an understanding employer. Mark now has a job in the nursery business. He has progressed from watering and clean-

ing plants to assisting with inventory, performing special landscaping jobs, and loading customers' cars. This success story happened with the support of the local Job Training Partnership Act (ITPA) project. The Job Training Partnership Act (P.L. 97-300), implemented in October,

1983, established a U.S. Department of Labor program that provides over \$3 billion annually to "prepare youth and unskilled adults for entry into the labor force and to afford job training to those economically disadvantaged individuals and other individuals facing serious barriers to employment, who are in special need of such training to obtain productive employment" (TPA, 1982, Section 2). Approximately 10% of the funds are spent on handicapped youth, who are given opportunities to acquire competencies in basic educational skills, job-specific skills, and pre-employment and work maturity skills. [TPA funds provide secondary and postsecondary schools and community organizations with resources to either supplement their existing programs or develop alternative programs.

Funds are dispersed primarily through the Private Industry Council.

SPRING 1987

TEACHING EXCEPTIONAL CHILDREN 43

needs. In step three, training is selected, developed, and assigned to meet the students' needs. In step four, practical experience such as on-the-job training is provided, and in step five, this train-

ing, combined with other experience is used to gain permanent employment (independence). Fundable activities and services under JTPA include; job search

assistance, basic skills training, vocational skills training, employment coun-seling, work experience, on-the-job train-ing, and the development of good work

Under JTPA regulations, at least

43% of the participants must enter

employment and at least 75% must terminate positively. A positive termination is interpreted as entering employment or apprenticeship training, another

JTPA program, or the armed forces.

returning to school, or achieving JTPA

Youth Competencies. Special educa-

tion youth in JTPA programs have an

entered employment rate equal to that

of their nonhandicapped peers and have

a slightly higher positive termination

rate than their nonhandicapped peers

(President's Committee on the Employ

ment of the Handicapped, 1985).

- Job Training Partnership Act (1982)
- Temporary Assistance for Needy Families (1996)
- Workforce Investment Act (1998)
- Workforce Innovation and Opportunity Act (2014)

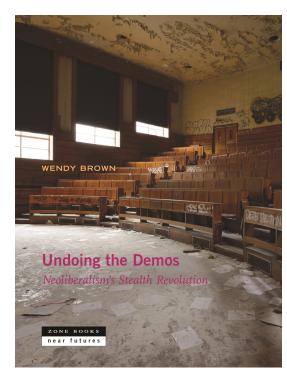
Most JTPA programs follow five basic steps to help special education students develop job skills and obtain employment, First, students are identified and enrolled in the program. Next, the candidates are assessed to determine their vocational interests and

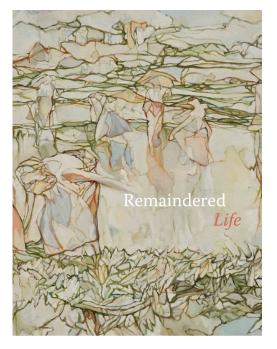


**THEODETRAINING** In 1982, **CHARADE** the U.S. government instituted a major job training policy everyone knew couldn't work. Twenty years and billions of dollars later, politicians are still voting for it.

GORDON LAFER

"By far the most common complaint of employers focuses not on any traditionally defined skill at all, but rather on workers' discipline, punctuality, loyalty and 'work ethic'" (p.5).





NEFERTI X. M. TADIAR

#### Manufacturing Mammies: The Burdens of Service Work and Welfare Reform among Battered Black Women<sup>1</sup>

Dana-Ain Davis Purchase College, State University of New York

We cannot become a nation of short-order cooks and saleswomen, Xerox-machine operators and messenger boys. (Felix Rohatyn, 1981)<sup>2</sup>

Address: The impact deconomic restructuring from holding to the service tail begins in the 1070 continuous to leak across office the argued Bore of personne it stress the taight perform. The trading performs the taight performs the taid transmit

Contemporary welfare reform in the U.S. has been Opraised by conservative policy elites for itar belt in dicipling the poor and reducing the numbers of people receiving public assistance and focusating on work, not welfare (Horn and Bush, 2003 (Nell and HII, 2003). However, outside those circles, social sensitias including anthropologicals have generated a considerable critical

Georgia State University ScholarWorks @ Georgia State University

Educational Policy Studies Dissertations Department of Educational Policy Studies

Spring 5-14-2021

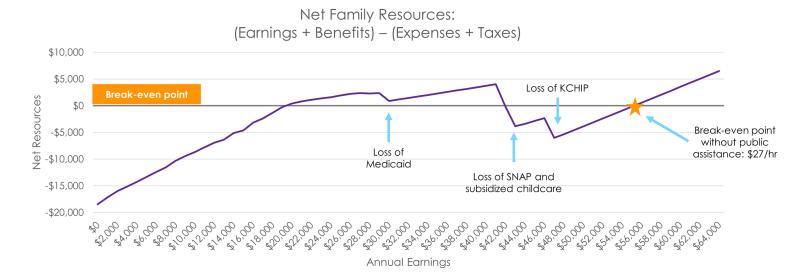
Illusions of opportunity? A critical discourse analysis of Atlanta's opportunity youth initiative

Alexander Camardelle

## Human Capital and the Value of Surplus Labor

### The "Benefit Cliff"

#### Cliff effects: when work doesn't pay



Source: NCCP Family Resource Simulator Note: Data reflects one working adult with two children living in Jefferson County

(Kentuckiana Works, 2021)

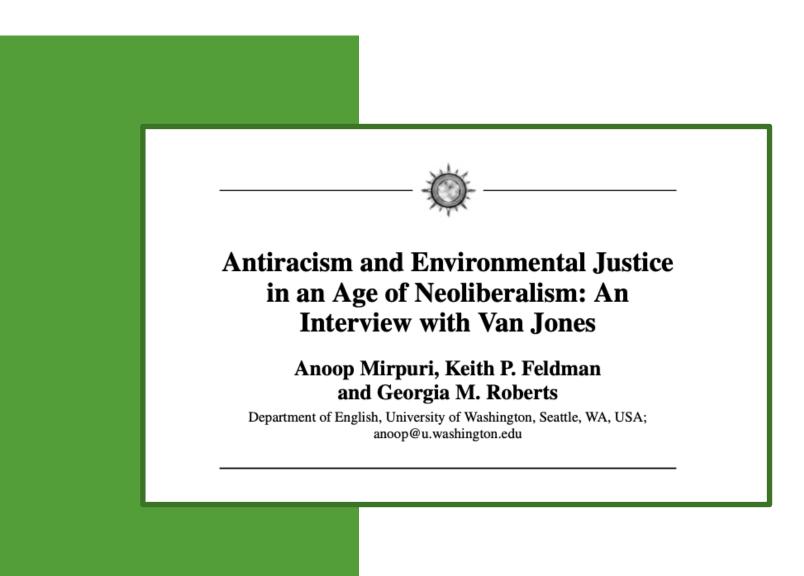
"...Help you with the tuition, we'll help you with any of the costs and if you have children, help with childcare while you're in school. It's kind of a blanket to help people get off of welfare or never get on welfare. That's really the way you can look at it. So, I joke that this is one of the few federal programs that all the political spectrums are okay with. You know what I mean? I mean, nobody argues with this stuff" – Interview, *September* 23, 2019

### Green Jobs

**630** 

**Remarks on Earth Day** *April 21, 1993*  Apr. 21 / Administration of William J. Clinton, 1993

"That's why our policies must protect our environment, promote economic growth, and provide millions of new highskill, high-wage jobs."



"My program is Green Jobs Not Jails, because it addresses the two worst aspects of the present US reality: we have throw-away people, throw-away neighborhoods, throw-away children, thrown into prison, and we also act as if we have a throwaway planet. The answer to both the social and the ecological crisis is somewhere in the direction of less ecologically devastating forms of economic life" (Jones, 2009, p.)

Green Jobs are "familysupporting, career-track, vocational, or trade-level employment in environmentallyfriendly fields" (Jones, 2009, p.)





### 「一日本 BLUEGREEN 「日本 BLUEGREEN 「日本 BLUEGREEN

"there was this huge Department of Labor funding ... for 'shovel-ready jobs,' and green jobs was the big thing they threw all this money at... I just remember hearing the people in the workforce [development agencies] kind of going, 'Well, that was a big kind of boondoggle,' it's not terribly well thought out and successful" – *Interview, May 19, 2019* 

"a little icing on the cake.... But when we report to Congress, we're not reporting green, we're not reporting workforce, we're reporting 200 jobs, \$70 million of private investment, and Congress doesn't care, necessarily what those jobs or private investment is doing.... We're in the public infrastructure business. We're not in, you know, policing companies and how much they pay their employees" – Interview, August 6, 2019

"And it was the sexy thing to do, right? .... And I think it's suffered from things we still see green jobs suffer from today is like, what do you mean? What are you actually going to do, more than just talk about it? And so, we just kind of floundered" – Interview July 30, 2019

# 1. Pre-Apprenticeship and Apprenticeship





(Georgia STAND-UP, n.d.)

- Federally-registered apprenticeships are the gold standard in workforce training and certification.
  - Registered apprenticeships are approved and tracked by the U.S. Department of Labor or a state apprenticeship agency.
- Apprenticeships are industrydriven.
- Apprentices receive paid work experience, progressive wage increases tied to skill acquisition, and a combination of on-the-job and classroom instruction.
- Apprentices graduate with a portable, nationally and industry-recognized credential.

2. Non-Profit Training Programs

Southface

SWEETGENTER Green Jobs Training

Repaired Natural

-

"We saw a potential market for this work as an opportunity to go out and try to build a program that we could go into the community, especially with elderly [people] and do this [energy efficiency] improvement] work and unfortunately, that didn't take off like we thought it was going to" – Interview, September 13, 2019

## 3. Technical Colleges



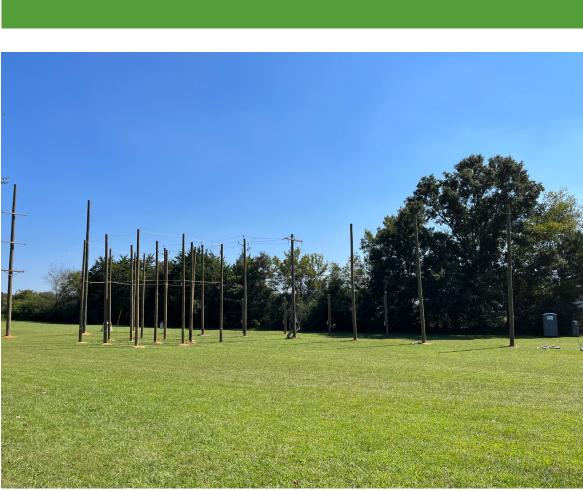
### WHO WE ARE

Georgia Quick Start is the nation's #1-ranked training program available at no cost to qualified companies "We try to keep in touch with business and industry. That's really why we exist. We're not studying the Higgs Boson particles or any other things like that, we're just putting people into the workforce or enabling them to get into the workforce. So, everything we do is based on what industry in the area needs.... Its kind of one of our big secrets in Georgia about how we attract and do such good business for business." – Interview, September 23, 2019

"There was this big, 'we're going to go solar'... we got with industry and worked with that. A lot of that industry didn't make it, but some ... are still in operation and going strong, and we're still providing them with a workforce" – *Interview*, *September 23, 2019* 







"Instead of having to spend four, five weeks on training someone with no knowledge ... it could enable [the utility]'s training folks to sort of expedite their training process so that when students come through here, they can start at a more advanced level, as they've already had the entry level training. And that's really the purpose and mission of our technical colleges in Georgia, is to provide the foundational skill sets needed so that employers can build that." – Interview, *September* 21, 2022

## **The Guardian**

**Renewable energy** 

#### Republicans in the US 'battery belt' embrace Biden's climate spending



Oliver Milman Y@olliemilman Wed 22 Feb 2023 04.00 EST

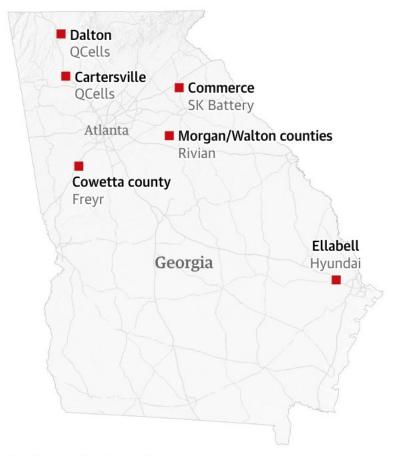




• Qcells cranks out around 12,000 solar panels a day in Dalton, Georgia. The state has seen a wave of clean energy technology projects materialize in the wake of Biden's climate agenda. Photograph: The Washington Post/Getty Images

Southern states led by Republicans did not vote for climate spending, but now embrace clean energy dollars like never before

## Recently announced clean energy projects in Georgia



Most viewed

Guardian graphic. Source: News reports.

"That is federal money coming to Georgia and so therefore, we can go after prevailing wage, and also enter into project labor agreements with the utility companies on these and that will help even for the solar installations that are part of this program. It'll help lead them towards union contractors and union jobs. But if it doesn't have federal funding, you're dealing with day laborers pretty much" – Interview, February 13, 2023

"...high paying jobs, livable wage jobs, where people can, you know, own a house and a vehicle and get back and forth to work and have a budget where they can still enjoy the eight hours of recreation that that's what we all work for" – *Interview, February 13, 2023* 



STATE OF GEORGIA OFFICE OF THE GOVERNOR ATLANTA 30334-0090

Brian P. Kemp GOVERNOR

October 8, 2021

Members of Georgia's Congressional Delegation,

Thank you for your service in the 117th Congress. Following my predecessors as Governor, I have placed a priority on fiscal responsibility which allows our state to effectively meet both our long-term and immediate economic development goals. As part of this effort, I've made protecting Georgia jobs and standing up for our state's job creators one of my top priorities. I consistently hear from Georgians that cutting needless red tape and reducing other barriers to strengthen our competitive business environment remains a critical factor in continuing Georgia's economic success story.

As you consider the massive budget reconciliation bill currently before Congress, on behalf of the State of Georgia, I would like to echo the recent concerns shared by a coalition of international auto manufacturers in the attached letter. This group includes our flagship OEM (Original Equipment Manufacturer) in Georgia, Kia Motors.

As currently drafted, Section 136401 – Refundable New Qualified Plug-In Electric Drive Motor Vehicle Credit for Individuals – creates a discriminatory 84,500 supplemental tax credit only for buyers of electric vehicles (EVs) assembled by organized labor. You are aware that Georgia prides itself on being a state where our quality workforce and below-national average unionization rates are key reasons why companies in the automotive industry choose Georgia. Our state employs over 55,000 auto workers and the Georgia Department of Economie Development reported an increase of 43 percent in automotive job creation from fiscal year 2021. Limiting the tax credit to union-built, U.S.-assembled vehicles, and applying these proposed limitations to the current EV market, puts Georgia job creators and workers in the automotive industry at a severe disadvantage – including when competing against our neighboring states.

As a member of Georgia's congressional delegation, you have a choice: jobs for hardworking Georgians or jobs for labor unions. Over the last five years alone, the state has seen more than 78 new automotive locations or expansions, representing thousands of jobs. With the transition to electrification, that number will continue to rise – unless Congress unwisely creates a barrier to job growth in our state. I join the Georgía Department of Economic Development and Georgia job creators in asking that you actively work toward removing these detrimental provisions from the final version of the bill. If these provisions are included in a final bill, I ask that you vote against the measure. "As a member of Georgia's congressional delegation, you have a choice: jobs for hardworking Georgians or jobs for labor unions" – Brian Kemp, October 8, 2021

"Have to pay attention to it, we got to make sure that there's accountability with that .... Just in general construction, [another union leader] is doing freedom of information requests on municipalities for affordable housing, or even some of their infrastructure projects that have federal money tied to it to where they're not even paying prevailing wage because one of the things that a state like Georgia does is the enforcement mechanism just isn't there. Even down to things like safety.... " – Interview, February 13, 2023

## Conclusion

- 1. Recent federal policy promises to create millions of jobs in clean energy, infrastructure, and manufacturing and uses tax credits, grants, and loans to impose labor standards.
- 2. Since 2009, cities and states have learned from numerous "green jobs" training efforts to establish more effective pathways to benefit workers.
- 3. Efforts to connect trainees to jobs and apprenticeships through recent federal funding including and beyond the Inflation Reduction Act requires enforcement.

### References

"A New Tool to Help Kentuckians Understand Benefits Cliffs." 2021. KentuckianaWorks. January 5, 2021. https://www.kentuckianaworks.org/news/benefits-cliffs. AFL-CIO. 2022. "AFL-CIO Applauds Senate Passage of the Inflation Reduction Act." August 7, 2022. https://aflcio.org/press/releases/afl-cio-applauds-senate-passage-inflation-reduction-act. BlueGreen Alliance. 2022. "9 Million Jobs from Climate Action: The Inflation Reduction Act." 2022. https://www.bluegreenalliance.org/site/9-million-good-jobs-from-climate-action-the-inflation-reduction-act/. Brown, Wendy. 2017. Undoing the Demos: Neoliberalism's Stealth Revolution. Cambridge, MA: MIT Press. Bui, Quoctrung. 2015. "50 Years Of Shrinking Union Membership, In One Map." NPR, February 23, 2015, sec. Planet Money. https://www.npr.org/sections/money/2015/02/23/385843576/50-years-of-shrinking-union-membership-in-one-map. Bullard, Robert D. 2000. Dumping in Dixie: Race, Class, and Environmental Quality. Third Edition. Boulder: Westview Press. Camardelle, Alexander. 2021. "Illusions of Opportunity? A Critical Discourse Analysis of Atlanta's Opportunity Youth

Initiative." Georgia State University. https://doi.org/10.57709/22783054. Cowie, Jefferson R. 2010. Stayin' Alive: The 1970s and the Last Days of the Working Class. New York, NY: The New Press. Davis, Dana-Ain. 2004. "Manufacturing Mammies: The Burdens of Service Work and Welfare Reform among Battered Black Women." Anthropologica 46 (2): 273–88.

De Lara, Juan. 2018. Inland Shift: Race, Space, and Capital in Southern California. Oakland, CA: University of California Press. Economic Policy Institute. 2018. "Worker Rights Preemption in the U.S.: A Map of the Campaign to Suppress Worker Rights in the States." Economic Policy Institute (blog). November 2018. https://www.epi.org/preemption-map/. ——. 2023. "Data Library." Economic Policy Institute. 2023. https://www.epi.org/data/. Eskew, Glenn T., ed. 2001. Labor in the Modern South. Athens, GA: University of Georgia Press.

Fletcher, Bill, and Fernando Gapasin. 2008. Solidarity Divided: The Crisis in Organized Labor and a New Plan Toward Social Justice. Berkeley: University of California Press. Gilmore, Ruth Wilson. 2002. "Fatal Couplings of Power and Difference: Notes on Racism and Geography." The Professional

*Geographer* 54 (1): 15–24.

Gringlas, Sam, Rahul Bali, and Emil Moffatt. 2021. "In a Boost for the State, Rivian Picks Georgia for \$5 Billion Electric Vehicle Plant." 90.1 FM WABE (blog). December 16, 2021. https://www.wabe.org/in-a-boost-for-the-state-rivian-picks-georgia-for-5billion-electric-vehicle-plant/. Hunter, Tera W. 1997. To 'joy My Freedom: Southern Black Women's Lives and Labors After the Civil War. Cambridge, MA:

Harvard University Press.

"Jobs and Prices in the West Coast Region." 1976. Washington, D.C.: U.S. Government Printing Office. Katznelson, Ira. 2006. When Affirmative Action Was White: An Untold History of Racial Inequality in Twentieth-Century America. New York, NY: W. W. Norton & Company.

Lafer, Gordon. 2002. *The Job Training Charade*. Ithaca: Cornell University Press. Larsen, John, Ben King, Hannah Kolus, Naveen Dasari, Galen Hiltbrand, and Whitney Herndon. 2022. "A Turning Point for US Climate Progress: Assessing the Climate and Clean Energy Provisions in the Inflation Reduction Act." *Rhodium Group* (blog). August 12, 2022. https://rhg.com/research/climate-clean-energy-inflation-reduction-act/. Lichtenstein, Nelson. 2003. *State of the Union: A Century of American Labor*. Princeton, N.J.: Princeton University Press. Luke, Nikki. 2023. "Just Transition for All? Labor Organizing in the Energy Sector Beyond the Loss of 'Jobs Property.'" *Annals of the American Association of Geographers* 113 (1): 94–109. https://doi.org/10.1080/24694452.2022.2079471.

### References

Massey, Doreen. 1984. Spatial Divisions of Labour: Social Structures and the Geography of Production. New York: Routledge. Milman, Oliver. 2023. "Republicans in the US 'Battery Belt' Embrace Biden's Climate Spending." The Guardian, February 22, 2023, sec. Environment. https://www.theguardian.com/environment/2023/feb/22/climate-spending-republican-states-

clean-energy-funding. Mirpuri, Anoop, Keith P. Feldman, and Georgia M. Roberts. 2009. "Antiracism and Environmental Justice in an Age of Neoliberalism: An Interview with Van Jones." Antipode 41 (3): 401–15. https://doi.org/10.1111/j.1467-8330.2009.00680.x. Office of Apprenticeship. n.d. "Registered Apprenticeship Program." Apprenticeship.Gov. Accessed March 1, 2023.

https://www.apprenticeship.gov/employers/registered-apprenticeship-program. Peck, Emily. 2022. "The Lasting Impact of Right to Work Laws." Axios. September 5, 2022. https://www.axios.com/2022/09/05/right-to-work-laws-impact. Peck, Jamie. 2016. "The Right to Work, and the Right at Work." *Economic Geography* 92 (1): 4–30.

https://doi.org/10.1080/00130095.2015.1112233. Peck, Jamie, Marion Werner, and Martin Jones. 2022. "A Dialogue on Uneven Development: A Distinctly Regional Problem." *Regional Studies*, September, 1–12. https://doi.org/10.1080/00343404.2022.2116417. Pollin, Robert, Chirag Lala, and Shouvik Chakraborty. 2022. "Job Creation Estimates Through Proposed Inflation Reduction

Act." University of Massachusetts, Amherst: Political Economy Research Institute.

https://peri.umass.edu/publication/item/1633-job-creation-estimates-through-proposed-inflation-reduction-act. Quadagno, Jill. 1996. The Color of Welfare: How Racism Undermined the War on Poverty. New York, NY: Oxford University Press.

Randolph, A. Philip. 1966. "Right to Work Laws Called Threat to Decent Wages." In For Jobs and Freedom: Selected Speeches and Writings of A. Philip Randolph, edited by Andrew E. Kersten and David Lucander, 108. Amherst: University of Massachusetts Press.

Rodriguez, Akira Drake. 2021. Diverging Space for Deviants: The Politics of Atlanta's Public Housing. Athens: University of Georgia Press.

Smith, Neil. 2010. Uneven Development: Nature, Capital, and the Production of Space. Third edition. London: Verso. Tadiar, Neferti X. M. 2022. Remaindered Life. Durham: Duke University Press Books.

"Unions Help Reduce Disparities and Strengthen Our Democracy." 2021. Economic Policy Institute. 2021. https://www.epi.org/publication/unions-help-reduce-disparities-and-strengthen-our-democracy/.

William J. Clinton. 1993. "Remarks on Earth Day." U.S. Government Publishing Office.

https://www.govinfo.gov/content/pkg/WCPD-1993-04-26/pdf/WCPD-1993-04-26-Pg630.pdf. Windham, Lane. 2017. Knocking on Labor's Door: Union Organizing in the 1970s and the Roots of a New Economic Divide. Chapel Hill: University of North Carolina Press.

Woods, Clyde. 1998. Development Arrested: The Blues and Plantation Power in the Mississippi Delta. London: Verso.
———. 2017. Development Drowned and Reborn: The Blues and Bourbon Restorations in Post-Katrina New Orleans. Edited by Laura Pulido and Jordan Camp. Athens, GA: University of Georgia Press.
Wright, Melissa W. 2006. Disposable Women and Other Myths of Global Capitalism. New York: Routledge.
Wright, Willie Jamaal. 2020. "The Morphology of Marronage." Annals of the American Association of Geographers 110 (4): 1134–49. https://doi.org/10.1080/24694452.2019.1664890.

# Questions?

knluke@utk.edu