

Blueprint to Opportunity Pathways

CECP Accelerate Community

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Bootstrapping toward an inclusive future

Problem:

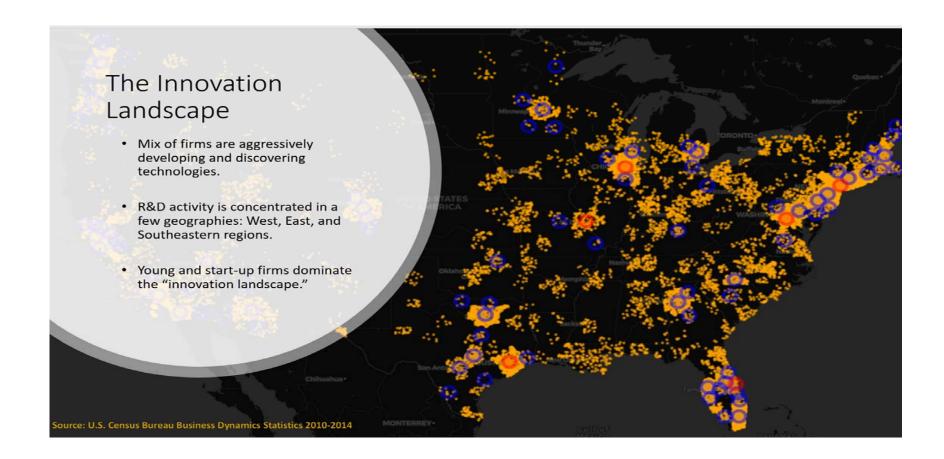
Minorities are systematically sidelined to the margins of critical entry points to prosperity: Entrepreneurship and Opportunity Jobs.

Solution:

Invest in policies that proactively engineer inclusion, and expand the geography of opportunity.

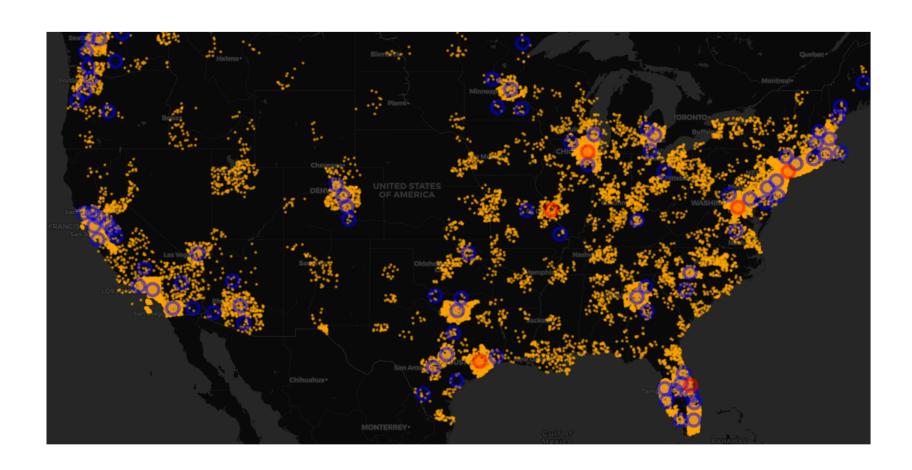
















Entrepreneurs of Color are systematically sidelined

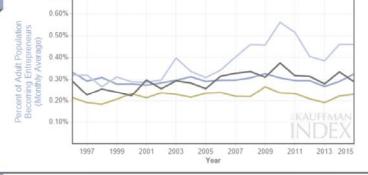
Rate of New Entrepreneurs Early and broad measure

of business ownership.

Measures the percent of
the adult population of an
area that became
entrepreneurs in a given
month.



Source: Author calculations from CPS. Yearly measure.

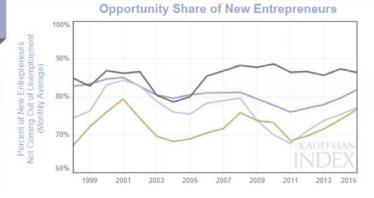


Rate of New Entrepreneurs

Opportunity Share of New Entrepreneurs

percent of new entrepreneurs starting businesses because they saw market opportunities. Measures the percent of new entrepreneurs who were not unemployed before starting their businesses.

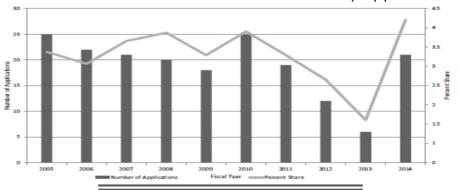
Source: Author calculations from CPS.



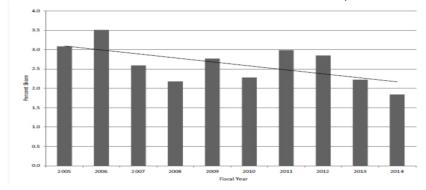








Small Business Innovation Research Minority Awards



Federal funding programs filter out minority innovation







Business Case for a Diverse Entrepreneurship Pipeline



Key source of innovative ideas and products that are essential to maintaining competitiveness and profitability in flat markets.

2

Critical source of high-end technical talent acquisition—cheaper than balance sheet funded R&D investments.

3

Economically inefficient to artificially reduce the potential inherent in the innovation pipeline by replicating and financing inequitable, structural barriers.







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Opportunity cost of invisible talent





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Source: Company websites. Accessed May, 2017









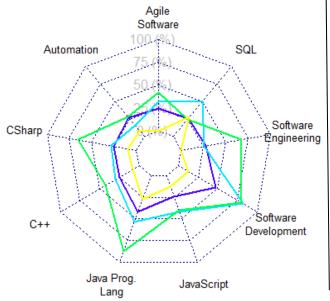


Source: Company websites. Accessed May, 2017



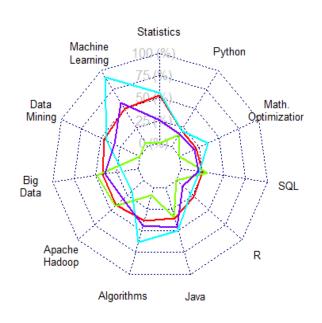


Empirical Structural Skills-Jobs Maps Gateway Skills-Job Cluster: Software Engineer, Software Developer, IT Support Engineer



Source: EMSI Jobs Postings Data: United States 2012-2017

High-End Skills-Job Cluster: Data Scientist, Data Engineer, Computer Scientist, Research Scientist





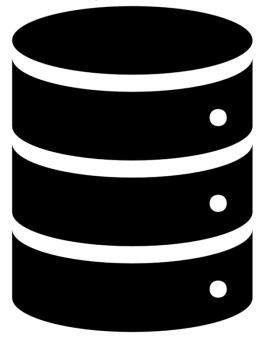




Gateway Skills:

- On-ramp to quality jobs and higher-end skill
- Transportable: vertical, horizontal, and spatial mobility
- Well suited to mass production and modular training strategies

Distill skills progression for an endend pipeline with reduced leaks and create points of entry





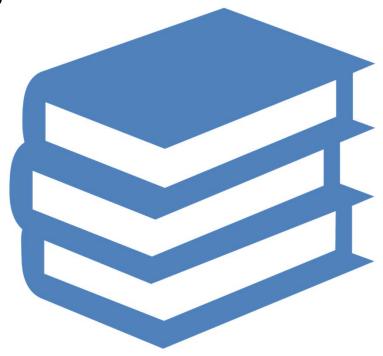




Distill skills progression for an end-end pipeline with reduced leaks

Hybrid Skills:

- Traditional academic disciplines blended with tech: Psychology, Economics, Library Science, Fine Arts.
- Need to Infuse current curricula models with technology disciplines.









High-End Skills:

- Specialized (will soon be mainstream);
- Require longer timeframe and rigorous, training in Computer Science, Physics, Biology, and Engineering;
- Access to high-quality STEAM training is currently highly inequitable.

Distill skills progression for an end-end pipeline with reduced leaks

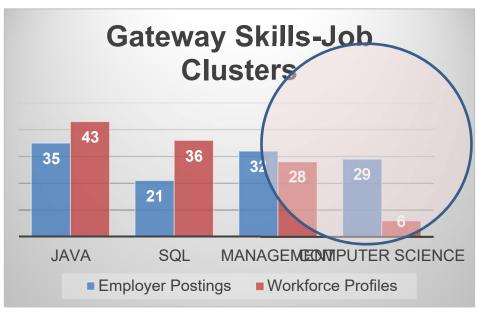


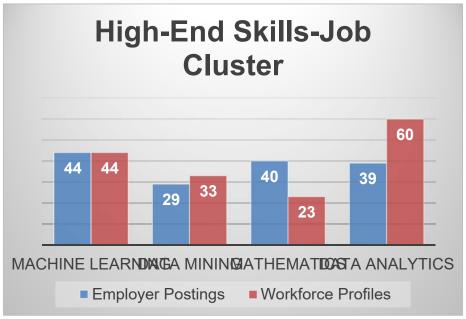






Talent search is misaligned and artificially disrupts the pipeline... for some







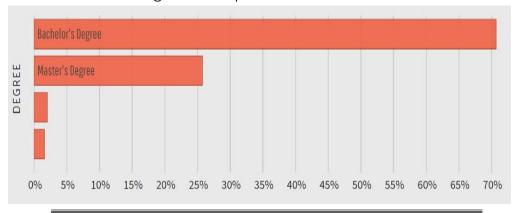


Employer credential demand transmit disparities

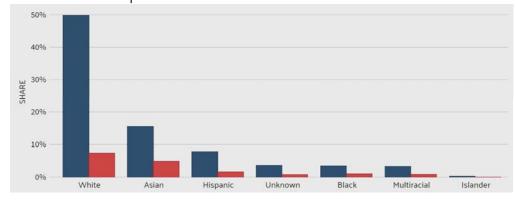
Traditionally represented groups disproportionately comprise the pipeline: altering this trajectory requires disruptive decisions

Source: Data USA https://datausa.io/profile/cip/110701/#demographics

Workforce Degrees: Computer Science & Related Fields



Race/Ethnicity & Gender of Workforce Degrees: Computer Science & Related Fields









Way Forward: disruptive and systemic investments!

- I. Systemic Investment in minority tech and non-tech entrepreneurial ventures:
 - Leverage Opportunity Zones legislation to pool and mobilize venture capital funds targeted to Opportunity Zones with Historically Black Colleges & Universities.

II. Disrupt Talent Acquisition Status Quo:

- Enable workers to find opportunity by collectively underwriting signature programs that blend skills, cognitive competency training, and high-quality employment outcomes—expose workers to work.
- Lead the conversation to end stigmas associated with alternative pathways.





