National Science Foundation Project to
Improve Reskilling and Employment Opportunities for All

Challenge: By 2030, 39 million American workers will have their jobs displaced by automation. They will need new skills. **Workers have no reliable information to help them choose** reskilling programs that deliver the skills they need. This **leads to ineffective training, costly mistakes, and misaligned incentives for providers.**

Our Solution: We can do better. RIPL employs state and local government's own administrative data to create measures of returns to training and reskilling programs. We provide an easy-to-use, easy-to-understand, user-centric web and mobile platform to share these measures with workers, training providers, and government. **Workers can make informed choices to gain valuable skills**, and policy leaders can know which programs work and invest in them. **The result is better opportunities and outcomes for all workers per dollar spent on training.**

We do this using a permanent, secure, cloud-based solution that **government owns and operates**. We train government leaders to use the system and own it going forward, so they are in control of their data and can drive broader analysis and insights to continually improve worker opportunities.

Government partners *get*:
1. The technical resources, training, and expertise to put their data to work to deliver improved policy, and a state-owned platform to generate continual insights going forward.
2. Scientifically crafted measures of which programs add value to skills and employment, with a field-tested user-friendly interface for sharing information with workers and job counselors.
3. Funding and recruiting support for a project manager, data engineer, and public liaison to accomplish the project, and scientific oversight and design by leading research scientists.
4. Opportunity to be part of a community of practice with other state leaders committed to using science and data for improved outcomes.

Government partners *give*: Leadership time and decision-making ability to drive project momentum, and commitment to use data and science to directly improve policy and lives.

Timeline: We will finalize state partners by **May 2020**. We can launch a fully-functional platform and supporting infrastructure within six months of project launch.

Next Steps:
1. Determine the point person(s) to own project leadership on the GOV side.
2. Develop timeline to create and launch the project within 12 months.
3. Provide letter of support for next phase of NSF funding by **May 2020**.

Current Partners: Public partners include the National Science Foundation and labor leadership in four states; private companies AWS, Facebook Research, and Maycomb Capital; science partners National Bureau of Economic Research, and faculty from Brown, Columbia, Dartmouth, Stanford, and U. Chicago; and nonprofits Research Improving People's Lives, ideas42, Results for America, and the Centers for Civic Impact at Johns Hopkins University.