

NPWR Research Forum

February 29, 2024 at the University of Nevada, Las Vegas

Agenda

Welcome

NPWR Overview

2023 NPWR Research Grant Recipients

NPWR Strategic Plan

Announcement of NPWR Research Grant Recipients for 2024

NPWR Overview



About

Implemented to link data from K-12 and post secondary education into the workforce

NPWR is managed by OWINN



Academic, Government and Industry Partnerships to move Nevada forward through data



Create better outcomes for Nevadans



Today represents the opportunity to help build and drive the Nevada Research Agenda

Holistic approach across education, workforce, social services domains

Longitudinal data solution to drive data driven policies solutions for Nevada

Partners



Current Data

Nevada Department of Education

Adult Education

Nevada System of Higher Education

Department of Employment, Training and Rehabilitation

- Wage Data

Department of Motor Vehicles

- Data for matching only

Division of Welfare and Supportive Services

- Early Childhood

Visit <https://npwr.nv.gov/Research> to see the full NPWR Data Dictionary

Onboarding Data

Department of Employment, Training and Rehabilitation

- *Title I (onboarding) – expect to be available for researchers in Spring 2024*
- *Title III (onboarding) – expect to be available for researchers in Spring 2024*

Coming in 2024

- Nevada Department of Veteran Services
- Nevada Department of Corrections
- Department of Business & Industry – apprenticeship

NPWR Research Grants

Purpose: To support research studying Nevada's most challenging policy problems in the areas of workforce development, economic diversification, and education



Eligible applicants are researchers, scholars and/or academics located in and residing in the State of Nevada or working directly for a State of Nevada department; such applicants may represent or be a part of public and private organizations, institutions, and entities interested in asking research questions that address policy problems facing Nevada using NPWR as the evidence-based data-driven research tool.

Inaugural 2023 NPWR Research Grants:

Workforce and Economic Development

- The Brookings Mountain West's project, The Gender Gap in Nevada: A K-12, Higher Education, and Workforce Study will explore the gender gap in Nevada and propose public policy interventions to improve educational and workforce outcomes;
- The Kenny Guinn Center for Policy Priorities and the University of Nevada, Las Vegas (UNLV) Center for Business and Economic (CBER) Research's project An Analysis of Nevada's Pre- and Post-Pandemic Labor Force Participation Rate will identify and evaluate factors contributing to Nevada having the 3rd largest decrease in labor force participation following the pandemic;
- The University of Nevada, Reno's (UNR) University Center for Economic Development's (UCED) project Examination of the Relationship between Workforce Development and Housing, Education and Childcare Services, and Healthcare Services will explore how labor force barriers impact workforce and economic development and business creation, retention, and expansion abilities.

Inaugural 2023 NPWR Research Grants:

Education

- The Lincy Institute's project Nevada K-12 Performance and Implications for Economic Diversification will evaluate the differentiating factors between Nevada's highest and lowest performing schools and districts in terms of on-time graduation rates, performance on standardized tests, and college-going rates;
- UNLV's Center for Research, Evaluation, and Assessment's (CREA) project Piloting School Funding Equity: How the Enactment of Senate Bill 178 Impacted Student Outcomes After Graduation explores how Nevada's student funding pilot program impacted students post-secondary and vocational outcomes;
- Dr. Megan Rauch Griffard from UNLV's Department of Educational Psychology and Higher Education's project Dissecting the Educator Talent Pipeline and Educators' ROI in Nevada will focus on whether CTE certificates in education concentrations lead to eventual employment in education, seek to understand how long NSHE education majors take to earn their desired degree by educational attainment level, and how the wages of educators compare to other workers with comparable education and experience in Nevada by educational attainment level.

Inaugural 2023 NPWR Research Grants:

Students

- Anna Dreibelbis-Colquitt, a UNLV law and doctorate student, for her project Assessing Career Readiness Gaps in Nevada to understand what the gaps are in soft skill development in CTE programs across Nevada.
- Curtis L. Cobbins, a doctorate student, for his project Causes of Innovation Engineering Management Failure in Workforce Development Within the Nevada System of Higher Education to understand how strong the correlation is, if any, between employee analysis of skills gap alignment and the role of innovation engineering management.

NPWR Strategic Plan



Act as the goals and guide for NPWR



Address gaps and resources that can help NPWR grow to become a more valuable tool to the entire State, through modernization efforts and bringing resources and talent in-state to work to help our citizens, departments, researchers, and resources as a whole

NPWR Strategic Plan - Goals



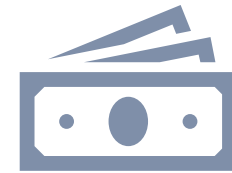
NPWR Structure

- Add dedicated analysts
- Add dedicated data integration specialist
- Dedicated NPWR server



Modernize

- Increase data from current partners and add new partners
- Update website
- Improve portal process for researchers



Funding

- Target State, Federal and Private funding

NPWR Strategic Plan – Structure

Incorporate a NPWR analyst position at NDE, NSHE, and DETR

- NSHE analyst oversees NDOC, NDVS, B&I
- DETR analyst oversees NevadaDMV, DHHS (upon onboard of additional data sets)
- NDE analyst focuses on more dashboards, especially mapping/GIS capabilities to tie in its students more on the workforce side

Would work within departments but have a key understanding of all NPWR data

- Help buildout more reports on NPWR and within agencies dashboards that would incorporate NPWR data
- Help drive research thoughts and questions, work closely with researchers on their data requests and validating research that is produced

Data integration specialist will work within NPWR system to help agencies and researchers with their data

NPWR server for all partners to send their NPWR data

NPWR Strategic Plan – Modernize

1

Ensure NPWR is accessible to all legislators, employers, jobseekers, researchers, media, etc.

- Update website for public facing and portal for the internal researchers

2

Enhance the capacity to collect, measure, store, and analyze data related to job quality

NPWR Strategic Plan – Funding

The first two goals of updating and enhancing the NPWR system are very much dependent on funding

- Reviewing current budget
- Building asks into budget build

OWINN is also committed to pursuing other funding opportunities through federal grants and private foundations

NPWR Research Grant Awardees 2024



Increased available funding from \$100,000 to over \$300,000



Proposals were due on Monday, November 27, 2023



Received 17 applications



The awardees will present at the December 2024 Research Forums

2024 NPWR Research Grants:

Workforce and Economic Development

- Assessing Workforce Availability and Associated Skill Sets Needed to Close Gaps in the Value Network and Supply Chain of Nevada's Healthcare Industry Sector
 - University Center for Economic Development; University of Nevada, Reno
- The Potential Economic and Fiscal Benefits of Connecting Over 30,000 Disconnected Youth in Nevada to Education or Employment by 2030
 - Consultant to/representing Workforce Connections, Southern Nevada's Local Workforce Development Board
- AI-Enhanced Education in Nevada and its Transformative Impact on Workforce Development, Employment Prospects, and Tomorrow's Job Market Proficiencies
 - Center for Migration, Demography and Population Studies; University of Nevada, Las Vegas
- Care Workers in Nevada: A Crisis Now and in the Future
 - The Lincy Institute
- The Dynamics of Labor Force Participation – A Statewide Analysis and Survey in a Post-Pandemic Nevada
 - Kenny Guinn Center for Policy Priorities & Center for Business and Economic Research; University of Nevada, Las Vegas

2024 NPWR Research Grants:

Education

- Strengthening Nevada's PK-20 Teacher Pipeline: An Assessment to Meet Workforce Projections
 - Clark County Education Association
- An Exploratory Study of Two Postsecondary Policies and Student Outcomes in Nevada
 - Department of Educational Psychology, Leadership, and Higher Education; University of Nevada, Las Vegas
- Nevada Goes to College: A Statistical Portrait of Higher Education Enrollment and Degree Attainment of Minoritized Students in Field of Education
 - College of Education and Human Development; University of Nevada, Reno

2024 NPWR Research Grants:

Students

- An Examination of Novice Teacher Career Persistence Trends
 - Elizabeth Hofschulte Collins, MS; Doctoral Fellow in Teacher Preparation and Retention, National Institute for the Advancement of Education; University of Nevada, Las Vegas

Contact Us



Visit OWINN at
<https://owinn.nv.gov/>



Visit NPWR at
<https://npwr.nv.gov/>



Contact Kristen Dwyer, NPWR
Manager, at
kdwyer@detr.nv.gov



NPWR
Climb Higher