

# Nevada P-20W Research Data System Advisory Committee (NPWR)

---

OCTOBER 5, 2023



## NPWR Updates

Welcome new members  
Onboarding of new data sets this quarter  
Meeting dates for 2024



## Partner Activities Updates

NDE – SLDS Grant  
Partners' items



## GOWINN Updates

Office updates  
Data Labs  
December events  
NPWR Research Grants



## Program Activities Updates

Data Dictionary update  
Identity Management Resolution  
Reporting files  
System enhancements  
Researcher support

# Agenda – October 5, 2023

# NPWR Updates

Glenn Meyer &  
Kristen Dwyer

## Welcome new members

- Nevada DMV – Molly Lennon
- Department of Business & Industry Office of the Labor Commissioner, State Apprenticeship – Toni Giddens
  
- NDVS – Brandon Torres
- NDOC – Christopher Franklin
- DHHS – Michael Yoder
- DETR – Krista Marshall
- GOWINN – Kristen Dwyer

## Onboarding new data this quarter

- DETR – Title I and Title III
- NDOC
- NDVS

## Setting our meeting dates for 2024

Partner  
Activities  
Updates

Glenn Meyer

## Nevada Department of Education

- Awarded SLDS grant
- Working with CREA at UNLV

Open for partners to  
share

# GOWINN Updates

Kristen Dwyer

## Office updates

## Data Labs

- Data Sharing Agreements – update coming
- NPWR Strategic Plan – in development, shared to public during December Forums

## December Events

- Forums on 12/5 at UNR, 12/7 at UNLV
- Governor's Workforce Development Board on 12/13

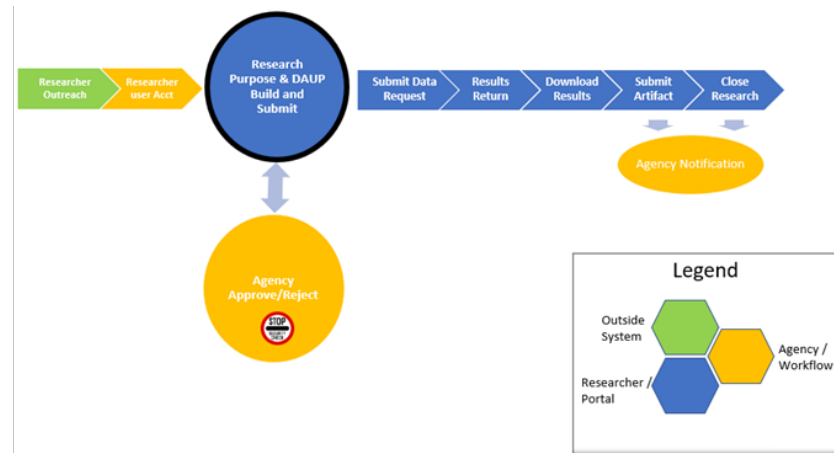
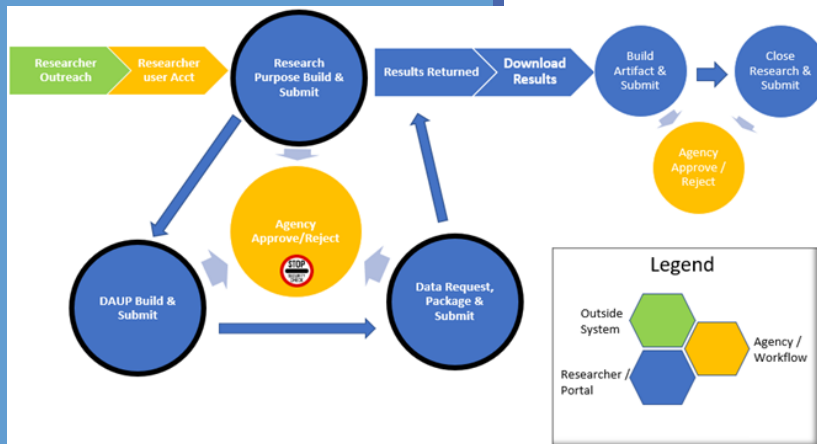
## NPWR Research Grants- Feedback from first round of researchers

- Improve the user interface by streamlining the steps and ensuring that there is clear information about what is required at each step; work with state agencies to increase consistency in file structure, unit of analysis and variable coding; develop codebooks to augment the data dictionary.
- Researchers think of data in terms of codebooks/data dictionaries. When it came time to request data, we had to do so by data table. Changing that interface, so that researchers are requesting based on the data dictionary (which they do early in the approval process) will help avoid researcher confusion and multiple data pulls.
- I did find that cleaning and organizing the data was rather difficult compared to other state longitudinal data systems that I've work with in the past. One thing that would be helpful is if each student appears only once in a give dataset. This makes merging across datasets easier. In the CTE dataset, observations were recorded by CTE concentration, which meant many students appeared more than once.
- Cleaning and merging the individual datasets to create a single file that can be used for longitudinal analysis requires a good deal of skill and time. The DETR is probably the easiest to work with because it is a single annual file. However, within the file, data are quarterly, which is only useful if assessing how long a person had a job in a year if a person moved jobs, and the 5-Digit NACIS codes creates too many job categories to analyze (including the 3 digits codes as well). The data from NSHE requires a lot of clearing to make it workable. For instance, in one of the files, there is a separate line for every semester a person was enrolled, not just the current semester. These can date back years for reentry students. The only value is to assess time to completion or periods of non enrollment at the individual level.
- While the data itself is high-quality, and it is useful to access it from a single source, the process could benefit from greater efficiency. Multiple steps, including intermittent approvals, delay the research process. The data is de-identified and/or not collected at the individual level, so it is not clear why such a process is necessary. Many states have implemented dashboards, and while they have their limitations, dashboards do have the advantage of simplicity. Regardless, the data in NPWR should be available immediately to the user and downloadable in a conventional format. At present, it would be more efficient to request the data directly from the agencies. But this is inefficient over the long run, and the researcher may not know the scope of what is available - that is where potential efficacy of NPWR resides (along with harmonization of administrative data) - so an improved process would be beneficial. Restricted data could be used with certain permissions, but some data should be public facing, with ease of access. Modernization of the UI also would help signal the capacity of the NPWR research tool.

# NPWR Research Grants

- Portal updates – planning for December, looks the same but automated for approvers and researchers
- SFY24 Funding – \$230,000 available, application released later this month, plan to award in December

## GOWINN Updates



# Program Activity Updates

Glenn Meyer &  
Craig Moebus

## Data Dictionary update

## IMR Initial Run completed

- Problematic records identified and Agency Partners notified
- Once issues resolved, IMR will be complete and the IMR report refresh can commence

## Reporting Files:

- AE LACES Import files for Quarterly Earnings and Post Secondary Outcomes delivered
- CTE Perkins Report extract, September 25
- Remedial Export File ETA October

## System

- Cloud migration ongoing – completed first quarter of 2024
- 4.9.0.0 in development



# Program Activity Updates

## Researcher support for GOWINN's Workforce Dashboard

### Active Researchers

- Added (July – June): 8
- Total: 75
- Sponsoring Agency:
  - GOWINN: 6
  - NDE: 2

### Data Packages Processed: 46

### Active Research Purposes:

- *The Gender Gap in Nevada: A K-12 Higher Education and Workforce Study*
- *An Analysis of Nevada's Pre-and Post-Pandemic Labor Force Participation Rate*
- *Examination of the Relationship between Workforce Development and Housing, Education and Childcare Services, and Healthcare Services*
- *Nevada K-12 Performance and Implications for Economic Diversification*
- *Piloting School Funding Equity: How the Enactment of Senate Bill 178 Impacted Student Outcomes After Graduation*
- *Dissecting the Educator Talent Pipeline and Educators' ROI in Nevada*
- *Assessing Career Readiness Gaps in Nevada*
- *Causes of Innovation Engineering Management Failure in Workforce Development Within the Nevada System of Higher Education*
- *Workforce Dashboard in Support of GOWINN*
- *RAND Study of Hispanic and EL Student CCR*