

STEM WORKFORCE CHALLENGE GRANTS OUTCOMES REPORT 2015-2018



Nevada Governor's
Office of Science,
Innovation and
Technology

STEM WORKFORCE CHALLENGE GRANTS OUTCOMES REPORT 2015-2018



ABOUT THE GRANT PROGRAM

The Office of Science, Innovation and Technology (OSIT), through Science, Technology, Engineering and Mathematics (STEM) Workforce Challenge Grants, seeks to spark the creation of lasting partnerships between industry and workforce training providers.

These partnerships must result in:

- The identification of STEM-specific skills needed by employers in Nevada;
- The creation of programs that provide the education and skills training to workers that match the needs of employers;
- Programs that are aligned with present and future workforce needs in Nevada as identified by relevant labor market information (LMI); and
- Programs that are sustainable after grant funds have been exhausted.

OSIT solicits applications for its STEM Workforce Challenge Grant program and competitively awards startup funding to programs that meet the criteria outlined above.

STEM WORKFORCE CHALLENGE GRANTS
OUTCOMES REPORT 2015-2018



30

FUNDED PROGRAMS

2,570

NUMBER OF
ENROLLED
STUDENTS



1,323

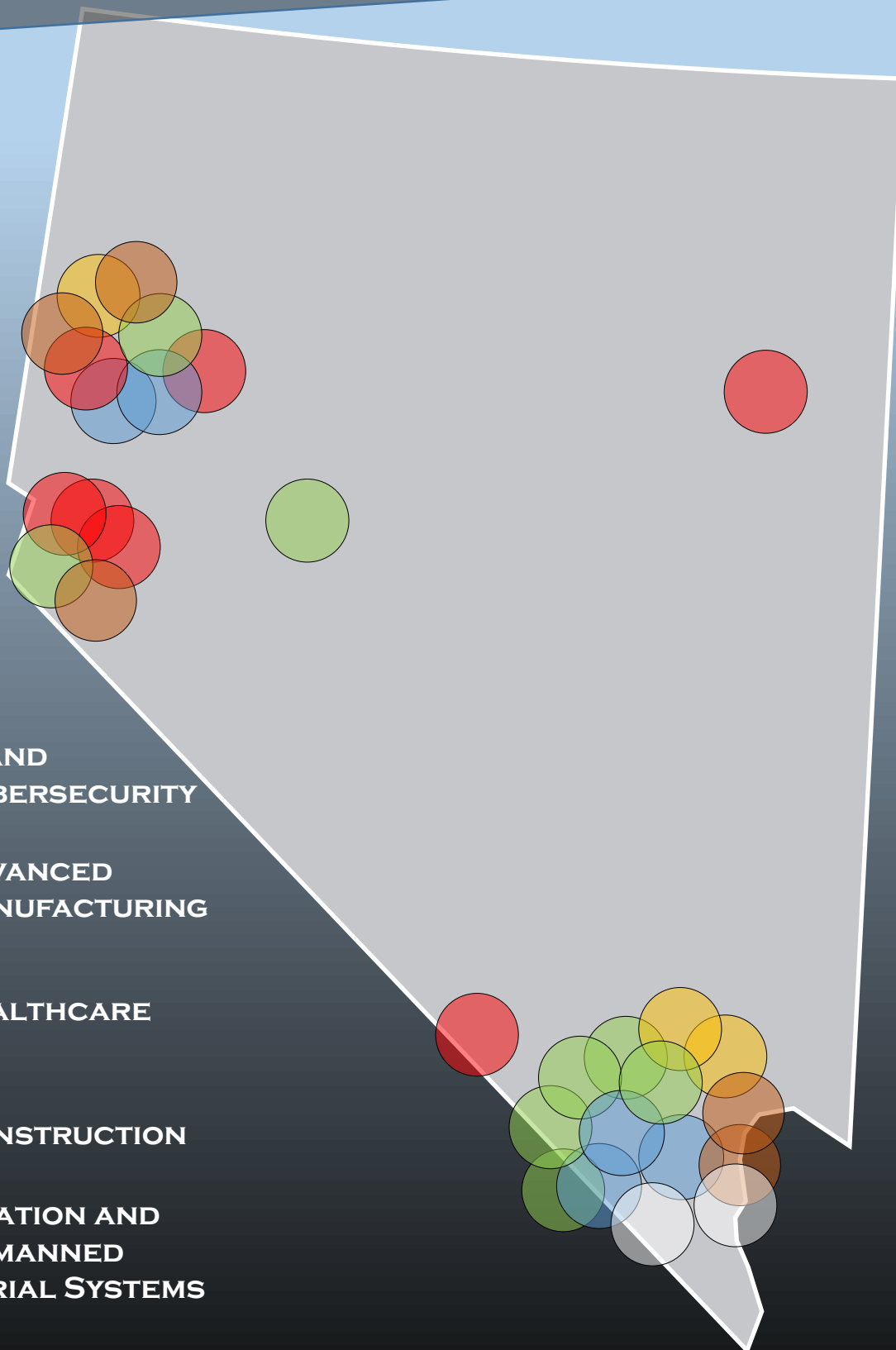
NUMBER OF
COMPLETED
DEGREES OR
CERTIFICATES

1,248

NUMBER
EMPLOYED IN
A RELATED
FIELD

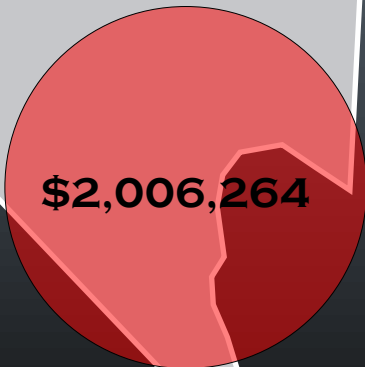
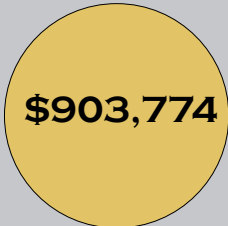


STEM WORKFORCE CHALLENGE GRANTS OUTCOMES REPORT 2015-2018



- 8 IT AND CYBERSECURITY
- 7 ADVANCED MANUFACTURING
- 5 HEALTHCARE
- 5 CONSTRUCTION
- 3 AVIATION AND UNMANNED AERIAL SYSTEMS
- 2 OTHER

STEM WORKFORCE CHALLENGE GRANTS OUTCOMES REPORT 2015-2018



CLARK



WASHOE

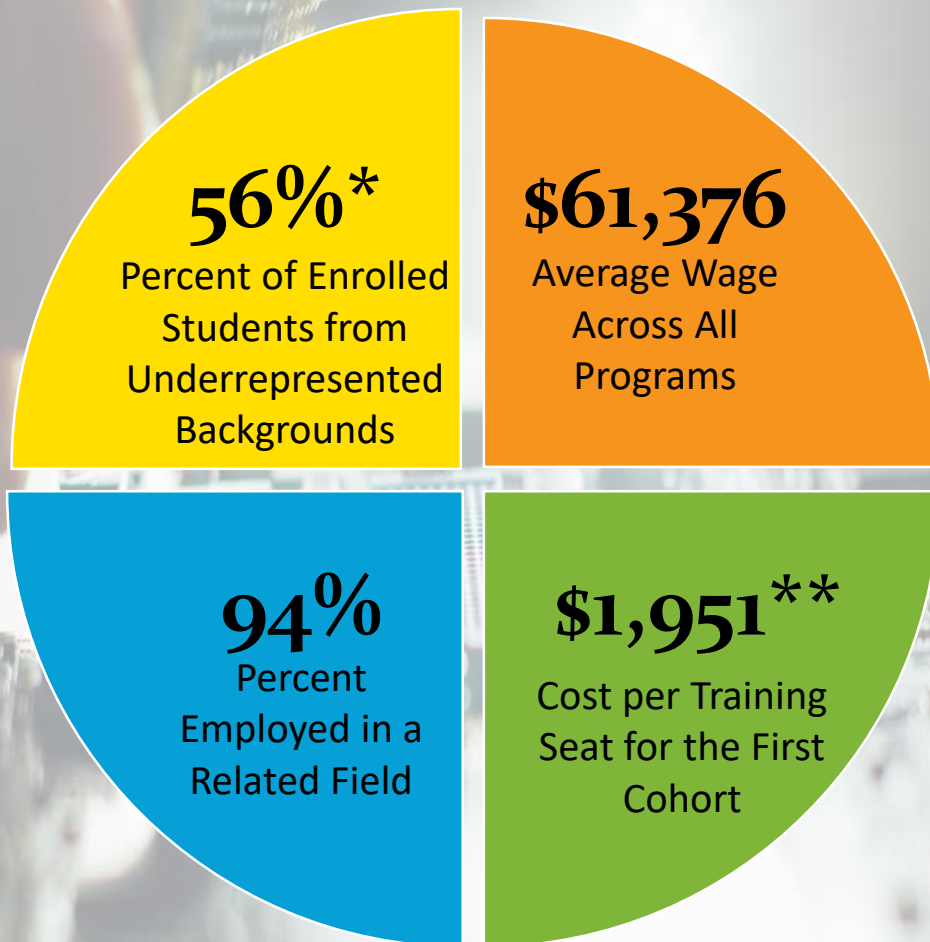


RURALS

STEM WORKFORCE CHALLENGE GRANTS OUTCOMES REPORT 2015-2018



KEY FACTS



*1,448 total. Examples of underrepresented student groups include: gender, race or ethnicity, students in poverty, students with disabilities, and veterans.

**Total State investment divided by the total training capacity per cohort. This figure will go down as additional cohorts are enrolled.

STEM WORKFORCE CHALLENGE GRANTS OUTCOMES REPORT 2015-2018



LIST OF FUNDED PROGRAMS

Round I

- Nevada State College- *STEM Teacher Preparation Program*
- Truckee Meadows Community College- *Data Center Engineering Technician Training Program*
- Western Nevada College- *Mechatronics Advanced Manufacturing Training Program*

Round II

- Career College of Northern Nevada- *Automated Material Handling System Training Program*
- Churchill County Library- *Information Technology Gateway Training Program*
- College of Southern Nevada- *Cybersecurity Training Program*
- Nevada State College- *Horticulture Science Certification Program*
- The City of Henderson- *IT Bootcamp and Job Placement Program*
- Western Nevada College- *Welding Engineering Technology Program*

Round III

- College of Southern Nevada- *Aviation Lab*

Round IV

- Carrington College- *Registered Nursing Program*
- Great Basin College- *Operation Bravo*
- Transmosis- *Employer-Driven Cybersecurity Training Program*
- Truckee Meadows Community College- *UAS Sensor Data Processing*
- Truckee Meadows Community College- *Paramedic Training Program*

- University Medical Center- *Nurse Residency Pilot Program*
- Western Nevada College- *Mechatronics Level Two Training Program*
- Nevada Partners Inc.- *Welding Apprenticeship*
- Western Nevada College- *Manufacturing and Engineering Expansion*
- College of Southern Nevada- *UAS Engineering Technology Program*

Round V

- Tech Impact- *Punch Code: Web Development and Coding Bootcamp*
- Associated General Contractors of Northern Nevada- *Construction Access Program*
- University Medical Center- *Industry-Required Nursing Credential Training Program*
- Western Nevada College- *Cybersecurity and Information Assurance Program*

Round VI

- Desert Research Institute- *Cybersecurity Internship*
- NNEJATC- *Electrician Pre-Apprenticeship*
- Southwest Compliance and Safety Training Institute- *Hazardous Materials Training Program*
- Tech Impact- *IT Works 2.0 Network Engineering*
- University Medical Center- *Certification and Training Initiative for Nurses*

Round VII

- Great Basin College- *Manufacturing Machining and Technology Program*



Nevada Governor's
Office of Science,
Innovation and
Technology