System Sponsored Programs Office and Established Program to Stimulate Competitive Research (EPSCoR) Overview

Presented by:
Marcie Jackson, Director System Sponsored Programs Office & EPSCoR
March 18, 2021
NSHE SSPO/EPSCoR Office

- Part of the System Administration Office
- Unit under Finance
- Housed in Las Vegas
- 3 administrative/financial staff
- 5 program staff (grant funded)
Nevada NSHE SSPO/EPSCoR Office

Functions

• Currently manage approximately $36 million in sponsored projects
• Administration for EPSCoR, NASA Space Grant and other state-wide programs (GEAR UP)
• Management of special projects match (cost share)
• Administration of SA sponsored programs
• Interact with the Research Affairs Council
• Liaison with EPSCoR Coalition
• Capitol Hill visits
Mission statement of the office:

To promote the opportunities and collaborations within science, research, education, and technology for NSHE institutions in Nevada

Purpose of Established Program to Stimulate Competitive Research (EPSCoR):

- State based research
- Stimulate research and development and competitiveness in EPSCOR jurisdictions
- Advance and broaden participation in science and engineering
- Utilize statewide participation
- Catalyze key research themes
- Activate collaborations among academic, government, and private sector stakeholders
HOW DOES EPSCoR WORK?

FUNDING FROM CONGRESS

NSF
NASA
USDA

EPSCoR
(Established Program to Stimulate Competitive Research)

$\$\$

Nevada EPSCoR funds projects that:
- advance science & engineering capabilities
- increase competitiveness
- innovate
- influence workforce development
- impact economy

UNLV
University of Nevada, Reno
Desert Research Institute
Nevada State College
Western Nevada College
<0.75% of NSF's funding

- Nevada = 0.25%
- California = 13%

NSF's FY 2021 Budget Request is $7.9 billion
SSPO/EPSCoR Responsibilities

<table>
<thead>
<tr>
<th>Sponsored Programs for SA</th>
<th>EPSCoR (state-wide)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Proposal development &amp; submission</td>
<td>• All items to the left PLUS</td>
</tr>
<tr>
<td>• Grant and contract negotiation</td>
<td>• Research Administrators are part of the management team of</td>
</tr>
<tr>
<td>• Account management</td>
<td>the projects</td>
</tr>
<tr>
<td>• Account setup and subawards</td>
<td>• Planning and coordination of annual state-wide project</td>
</tr>
<tr>
<td>• Financial reporting</td>
<td>meetings</td>
</tr>
<tr>
<td>• Preparation, receipt, review and allocation</td>
<td>• Planning and coordination of outreach activities</td>
</tr>
<tr>
<td>of intra-system solicitations</td>
<td>• Management of extensive reporting requirements</td>
</tr>
<tr>
<td>• Coordination and submission of technical</td>
<td>• Management of compliance documents</td>
</tr>
<tr>
<td>reports</td>
<td>• Facilitate external evaluation</td>
</tr>
<tr>
<td></td>
<td>• Attend national meetings</td>
</tr>
</tbody>
</table>
EPSCOR OFFICE & PROJECT DIRECTOR(S)

- Reporting
- Budgets
- Compliance
- Meeting Logistics
- Communications
- Websites (7)

DRI
- Research Faculty
- Students

EVALUATION
- Program Coordination
- Meeting Logistics
- Outreach
- UROP & RFPS
- Diversity

UNLV
- Research Faculty
- Students

UNR
- Research Faculty
- Students

NSHE Nevada EPSCOR

COMMUNITY COLLEGES

OPERATING
- Subawards
- Cost Sharing
- Participant Database

ADVISORY COMMITTEE
- National Meetings
- Support for Program
Why EPSCoR Matters to Nevada

• 468 proposals awarded during EPSCoR (funding 1985-2020)
  ▫ **ROI $243.6 million**
• Scholarships & Fellowships (2015-2020)
  ▫ **235 participants awarded $1.5 million**
• 74 new faculty hires – with 84% retention still at NSHE
SSPO/EPSCoR Projects

- System Administration Sponsored Programs
  - 13 Awards - $5 million
- EPSCoR Awards (Federal)
  - 13 Awards - $25.5 million
- State Program Match (cost share)
  - 11 Awards - $1.7 million
- Subawards to NSHE Institutions (FY20)
  - 45 subawards - $2.7 million
2018-2019 Sponsored Funding
Annual Highlights

For Presentation to the Academic, Research and
Student Affairs Committee

September 20, 2020

Presented by:
Marcie Jackson, Director System Sponsored Programs
& EPSCoR
Sponsored Program Funding Supports NSHE Strategic Goals:

- **Research Goal**
  - Raising Nevada’s overall research profile
- **Access & Close the Achievement Gap Goals**
  - Preparatory services for low-income and first-generation students
- **Success Goal**
  - Student services for tutoring, counseling
- **Workforce Goal**
  - Helping meet the needs of industry via certificate and training programs
FY 2016 - 2019 Total Awarded

FY 2016 established new baseline following a technical change in the reporting to exclude Title IV financial aid funds ($210M in FY 2016).

FY 2019 had a 10 percent increase in awards over FY 2018 with a 19 percent increase from FY 2016

“Total Awarded” is based on sponsored projects as per Sponsor (federal, state, etc.) category. See Appendix A of the report.
Funding Distribution of NSHE 2018-2019

Direct Federal Funding: $126.8M
Research: $152M
Other Sponsored Projects: $94.7M
Total: $246.7M

The funding awarded reflects the various missions of the research and undergraduate institutions.

See Appendix A of the report.
Total Awarded: UNLV

UNLV - Total Awarded
FY 2016-2019

<table>
<thead>
<tr>
<th>Year</th>
<th>Millions</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>$53.4M</td>
</tr>
<tr>
<td>2017</td>
<td>$68.1M</td>
</tr>
<tr>
<td>2018</td>
<td>$63.3M</td>
</tr>
<tr>
<td>2019</td>
<td>$56.8M</td>
</tr>
</tbody>
</table>

Highlights
Received increased funding from:
- National Institutes of Health
- Governor’s Office of Science Innovation and Technology
- Governor’s Office of Economic Development
- Health Resources & Services Administration

Increased in the categories:
- Public Service $5.6M
- Other $2.2M

Decreased in the categories:
- Research $8.9M
- Instruction $1.3M
- Student Services $4.0M
- Scholarships $41K

UNLVSOM represents $10.4M/18%

Title IV financial aid dollars were removed in FY 2016
Total Awarded: UNR

Increased in the categories:
- Research $16.8M
- Public Service $13.6M

Decreased in the categories:
- Instruction $446K
- Student Services $26K
- Scholarships $70K

Highlights:
- Increased funding received from:
  - US Army Corps of Engineers
  - National Institute of Medical Sciences
  - National Science Foundation

UNR SOM represents $31.7M/22%

Title IV financial aid dollars were removed in FY 2016
Total Awarded: DRI

DRI - Total Awarded
FY 2016-2019

Millions

2016 $31.7M
2017 $32.9M
2018 $30.4M
2019 $31.8M

Highlights:

Increased funding received from:
- US Department of Commerce
- National Aeronautics and Space Administration
- Department of Interior
- National Institutes of Health

Increased in category:
- Public Service $1.9M

Decreased in category:
- Research $560K
Total Awarded: NSC

Increased in the categories:
- Instruction $500K
- Public Service $153K
- Student Services $54K
- Scholarships $185K

Decreased in the category:
- Research $370K

Highlights:
- Increased funding received from:
  - US Department of Education
  - Nevada IDEa Network of Biomedical Research Excellence (INBRE)
  - State of Nevada
  - TRIO Upward Bound

Title IV financial aid dollars were removed in FY 2016
Total Awarded: CSN

Title IV financial aid dollars were removed in FY 2016

CSN - Total Awarded
FY 2016-2019

$7.7M
$6.7M
$6.1M
$5.5M

Increased in the categories:
- Research $353K
- Public Service $3K
- Other $208K
- Scholarships $14K

Decreased in the categories:
- Instruction $1.1M
- Student Services $36K

Highlights:
Funding received from:
- Governor’s Office of Science, Innovation and Technology
- Governor's Office Workforce Innovations for a New Nevada
- Department of Health and Human Services

Title IV financial aid dollars were removed in FY 2016
Total Awarded: GBC

Increased in the category:
- Instruction $1.4M

Decreased in the categories:
- Public Service $14K
- Student Services $3K
- Other $72K
- Scholarships $150K

Highlights:
- Increased funding received from:
  - Governor’s Office of Science, Innovation and Technology
  - Governor’s Office of Workforce Innovations for a New Nevada
  - Carl D. Perkins

Title IV financial aid dollars were removed in FY 2016
Total Awarded: TMCC

Highlights:

Increased funding received from:
  • National Science Foundation

Increased in the category:
  • Research $421K

Decreased in the categories:
  • Instruction $1.2M
  • Student Services $2.3M
  • Other $53K
  • Scholarships $101K

Title IV financial aid dollars were removed in FY 2016
Total Awarded: WNC

Increased in the categories:
- Student Services $26K
- Research $38K
- Public Service $576K

Decreased in the categories:
- Instruction $889K
- Other $8K
- Scholarships $5K

Highlights:
- Increased funding received from:
  - Environmental Protection Agency
  - INBRE
  - NASA Space Grant

Title IV financial aid dollars were removed in FY 2016
## Intra-System Collaborations
### FY 2019

<table>
<thead>
<tr>
<th>Subawards to:</th>
<th>UNLV</th>
<th>UNR</th>
<th>DRI</th>
<th>NSC</th>
<th>NSHE - SSPO/EPSCoR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total $ Subawarded</td>
<td># of Projects that are Subawards</td>
<td>Total $ Subawarded</td>
<td># of Projects that are Subawards</td>
<td>Total $ Subawarded</td>
</tr>
<tr>
<td>UNLV</td>
<td>$ -</td>
<td>0</td>
<td>$ 692,952</td>
<td>11</td>
<td>$ -</td>
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<tr>
<td>UNR</td>
<td>$ 478,000</td>
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<td>$ -</td>
<td>0</td>
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<tr>
<td>DRI</td>
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<td>$ 1,204,164</td>
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<td>$ 217,378</td>
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<tr>
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<td>$ 417,743</td>
<td>1</td>
<td>$ -</td>
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<tr>
<td>WNC</td>
<td>$ -</td>
<td>0</td>
<td>$ 63,790</td>
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<td>$ -</td>
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<tr>
<td><strong>Total</strong></td>
<td>$ 919,485</td>
<td>$ 4</td>
<td>$ 3,197,843</td>
<td>$ 26</td>
<td>$ 61,522</td>
</tr>
</tbody>
</table>

$8.3 million in collaborative funding
122 projects funded
Proposals Submitted and Received FY 2019

<table>
<thead>
<tr>
<th>Institution</th>
<th>Submitted</th>
<th>Received</th>
<th>Total Amount Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNLV</td>
<td>619</td>
<td>357</td>
<td>$56,758,157</td>
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<tr>
<td>UNR</td>
<td>1,163</td>
<td>211</td>
<td>$42,546,179</td>
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<tr>
<td>DRI</td>
<td>229</td>
<td>111</td>
<td>$31,810,087</td>
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<tr>
<td>NSC</td>
<td>14</td>
<td>8</td>
<td>$245,631</td>
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<tr>
<td>CSN</td>
<td>28</td>
<td>24</td>
<td>$5,531,434</td>
</tr>
<tr>
<td>GBC</td>
<td>24</td>
<td>20</td>
<td>$2,769,676</td>
</tr>
<tr>
<td>TMCC</td>
<td>20</td>
<td>19</td>
<td>$3,707,897</td>
</tr>
<tr>
<td>WNC</td>
<td>17</td>
<td>13</td>
<td>$1,648,019</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2,114</strong></td>
<td><strong>763</strong></td>
<td><strong>$145,017,080</strong></td>
</tr>
</tbody>
</table>

This number does not match Appendix A total awarded due to awarding time or announcement of intent to fund.

Complete list of submitted/received by Sponsor can be found in Appendix C.
Any Questions?