WHO WE ARE

NEVADA SYSTEM OF HIGHER EDUCATION

NEVADA BOARD OF REGENTS

NSHE CHANCELLOR

NSHE SYSTEM OFFICE

UNIVERSITIES

COMMUNITY COLLEGES

RESEARCH INSTITUTE

• 1 of 8 institutions within the Nevada System of Higher Education
• 2 main campuses in Las Vegas and Reno
• Over 60 years of environmental research and discovery
• More than 600 scientists, engineers, students, and support staff
• ~140 PhDs in more than 40 disciplines
• $47M in sponsored research grants and contracts annually
FY23
GRANT & CONTRACT FUNDING

TOTAL FEDERAL

- Dept. of Commerce (DoC) $6,143,650 17.50%
- Dept. of Defense (DoD) $5,842,803 16.64%
- Dept. of Energy (DOE) $7,607,541 21.66%
- Dept. of the Interior (DOI) $3,255,247 9.27%
- Dept. of Education (USDE) $1,192,140 3.39%
- Other Federal Agencies $3,696,618 10.53%
- Federal Pass Thru $7,377,865 21.01%

TOTAL FEDERAL $35,115,864 73.97%

TOTAL NON-FEDERAL

- State of Nevada $613,271 1.29%
- Other State & Local Government $3,654,987 7.70%
- Private, For-Profit (Industry) $5,057,962 10.65%
- Private, Non-Profit $3,033,503 6.39%

TOTAL NON-FEDERAL $12,359,723 26.03%

TOTAL FY23 AWARDS $47,475,587

NATIONAL
SCIENCE
FOUNDATION
RANKING

Top 9%
GEOSCIENCES OVERALL
39 out of 437 institutions

Top 6%
ATMOSPHERIC SCIENCE
24 out of 437 institutions

Top 3%
GEOLOGICAL & EARTH SCIENCES
13 out of 437 institutions
Indirect Cost Recovery is spent on:

- Research Support
  - Proposal Development
  - Sabbaticals
  - Project Cost Share
  - Faculty Professional Development
  - Post Doc Support
  - Graduate Students & Research Immersion Internship Program

- Administration
  - Campus and Division Admin
  - Grants Accounting
  - IT and Computing
  - Facilities
  - Communications

Example Budget – $1M Research Project

<table>
<thead>
<tr>
<th>Category</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indirect Cost Recovery</td>
<td>$390,000</td>
</tr>
<tr>
<td>Research, Field + Lab Operations</td>
<td>$150,000</td>
</tr>
<tr>
<td>Students</td>
<td>$60,000</td>
</tr>
<tr>
<td>Salaries + Fringe</td>
<td>$400,000</td>
</tr>
</tbody>
</table>

DRI Business Model

Project Budget Example
DRI
TOTAL OPERATING REVENUE

<table>
<thead>
<tr>
<th>FY23</th>
<th>REVENUE</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grants &amp; Contracts</td>
<td>$29,844,000</td>
<td>59.93%</td>
</tr>
<tr>
<td>Grants &amp; Contracts - ICR</td>
<td>$11,030,000</td>
<td>22.15%</td>
</tr>
<tr>
<td>State - General Fund</td>
<td>$6,957,000</td>
<td>13.97%</td>
</tr>
<tr>
<td>State - Capacity Building</td>
<td>$1,000,000</td>
<td>2.01%</td>
</tr>
<tr>
<td>State - Other</td>
<td>$156,000</td>
<td>0.31%</td>
</tr>
<tr>
<td>Endowments/Gifts</td>
<td>$812,000</td>
<td>1.63%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$49,799,000</strong></td>
<td><strong>100.00%</strong></td>
</tr>
</tbody>
</table>
**DRI IS LESS THAN 1.5 PERCENT OF THE NSHE BUDGET**

<table>
<thead>
<tr>
<th>FY24 STATE</th>
<th>GENERAL FUND</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSHE - All Other</td>
<td>$839,933,853</td>
<td>98.81%</td>
</tr>
<tr>
<td>DRI</td>
<td>$9,499,157</td>
<td>1.12%</td>
</tr>
<tr>
<td>DRI - Cloud seeding</td>
<td>$600,000</td>
<td>0.07%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$850,033,010</strong></td>
<td><strong>100.00%</strong></td>
</tr>
</tbody>
</table>

**FY24**
DRI as a % of NSHE State General Fund Appropriations

$850,033,010
PREVIOUS DRI FUNDING FORMULA

<table>
<thead>
<tr>
<th>IMPLEMENTED STEP CALCULATIONS</th>
<th>GRANTS AND CONTRACTS ACTIVITY (INCREMENTs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 %</td>
<td>$0 – $25,500,000</td>
</tr>
<tr>
<td>7.5 %</td>
<td>$25,000,001 – $30,000,000</td>
</tr>
<tr>
<td>6 %</td>
<td>$30,000,001 – $35,000,000</td>
</tr>
<tr>
<td>5 %</td>
<td>Above $35,000,000</td>
</tr>
</tbody>
</table>

• The sliding scale that was implemented in the 2015–2017 biennium disincentivized growth.

• It effectively reduced DRI’s state funding by $1 million annually.

• The formula cut nearly 10 state-funded positions for DRI’s facility and administrative staff, shifting the burden to research budgets.

• The Legislature reverted DRI’s funding to the base, maintenance, & enhancement model in the 2023 session, effective starting in FY24, at DRI's request.
DRI
STATE FUNDING

<table>
<thead>
<tr>
<th>FY24</th>
<th>FUNDING</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries &amp; Fringe</td>
<td>$7,675,091</td>
<td>80%</td>
</tr>
<tr>
<td>O &amp; M and Operating Costs</td>
<td>$1,972,552</td>
<td>20%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$9,647,643</strong></td>
<td><strong>100.00%</strong></td>
</tr>
</tbody>
</table>

- **SALARIES & FRINGE**
- **O & M AND OPERATING COSTS**
ECONOMIC IMPACT & RETURN ON STATE INVESTMENT

- Direct, indirect, and induced ROI: $8.36
- Generated from other sources: $4.95
- State Appropriations: $1.00
THANK YOU

Researching the human impact on the environment
And the environment’s impact on humans