

# Goal 2 Team Update

## LEADERSHIP RETREAT

May 18, 2022

Luis Cifuentes and  
Kathryn Hansen,  
Co-Chairs

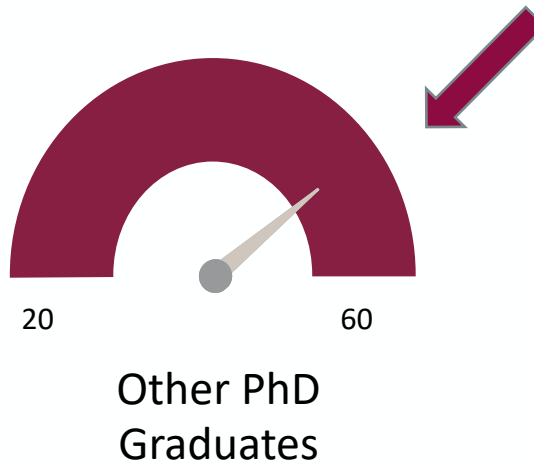
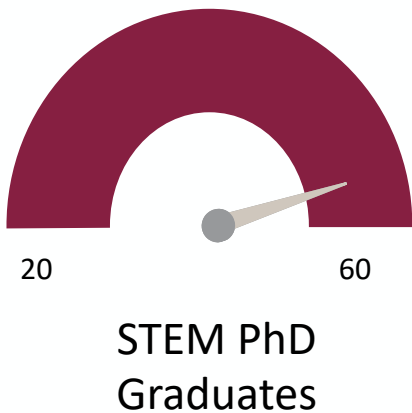
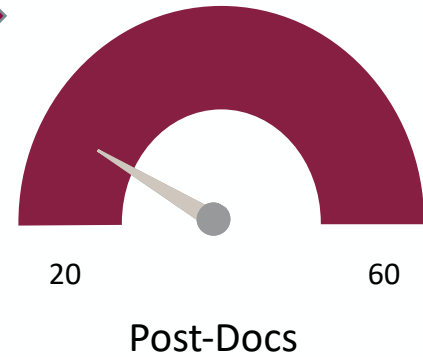
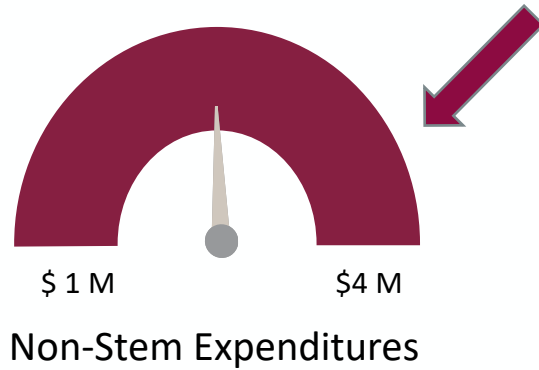
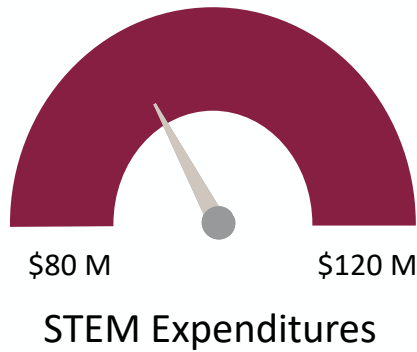
Research, Creativity, and  
Strategic Initiatives  
Arrowhead Center

The logo for New Mexico State University, featuring the letters 'NM' in a large, serif font above the words 'STATE' and 'UNIVERSITY' in a smaller, sans-serif font. The logo is set within a white square that is itself centered within a larger, dark red square.

NM  
STATE  
UNIVERSITY

**BE BOLD.** Shape the Future.

# Key R1 Metrics (2018 - 2021)



# Goal 2 Progress

Tactic	Status Pending	On Track	Minor Change	Major Change	Completed (> 90%)
2.1.1		On Track			
2.1.2		On Track			
2.1.3		On Track			
2.1.4					Completed (> 90%)
2.1.5		On Track	Minor Change		
2.1.6		On Track			
2.2.1	Status Pending				
2.2.2		On Track			
2.2.3		On Track			
2.2.4		On Track		Major Change	
2.2.5		On Track			
2.3.1		On Track			
2.3.2		On Track	Minor Change		
2.3.3		On Track	Minor Change		
2.3.4	Status Pending				
2.4.1		On Track		Major Change	
2.4.2		On Track			
2.4.3	Status Pending			Major Change	
2.4.4		On Track			
2.4.5					Completed (> 90%)



# Goal 2 Team Champions

	.1	.2	.3	.4	.5	.6
2.1						
2.2						
2.3						
2.4						



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**NM STATE** BE BOLD. Shape the Future.  
**New Mexico State University**  
 Research, Creativity, and Strategic Initiatives

Quick Links - Type a Keyword

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ARGIS Help  
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 Molecular Biology  
 Return To Research  
 Space Grant  
 University Research Council  
 Water Resources Research Institute

**Research, Creativity, and Strategic Initiatives**

SharePoint Search across sites

Research and Creativity Dashboard - Document Portal - Forms Library - Research Funding - STEM Ed Center

Research and Creativity Public group

Tweets by @nmsuivr

Luis Cisneros  
 Isotope queen, @theNASEM member, #mentor par excellence @carnegiescience, beautiful person, friend and key to the success I have had in academia. Thank you, Goodbye Marilyn.  
<https://twitter.com/carnegiescience/status/1525197618401357825>

Luis Cisneros  
 Via @theNASEM webinar on the newly released report - #diversity #equity #inclusion #access in completed space missions on Wednesday, May 18, 2022, from 12 - 1 pm MT. Register at [eventbrite.com/advancing](https://eventbrite.com/advancing). de...

Highlighted pages

Research and Creativity Limited Submissions  
 Research and Creativity Research Metrics Dashboards  
 Phila Outcom Edited April 11  
 Research and Creativity Goal 2 Team  
 Research and Creativity Funding Opportunities for Graduate Students and Postdocs  
 Chong-Hwan Park Edited February 23



**BE BOLD. Shape the Future.**

## 2.1.5 Identify and build strategic public-private partnerships that allow for intellectual property development and exchange while providing opportunities for student research, entrepreneurship and regional economic impact

Establish cross-university interdisciplinary alignment for a public private partnership.

- Preliminary alignment of cross university for proposal for partnership with New Mexico Space Valley Coalition, to include PSL, EE and Space Grant, DACC, Collaboration involving institutional entrepreneurship

Increase engagement with private sector partners through targeted outreach efforts and enhanced IP/TT website

- Cross university involvement in Eden Grow Systems, Inc., including ACES, Engineering, Computer Science and Arrowhead Center

Increase NMSU SBIR/STTR participation in partnership

- NMSU inventors and partners participated in a LAUNCH Commercialization Sprint and SBIR/STTR training to obtain funding for commercialization development. Participants included NMSU inventors and teams, corporate partners with license options, entrepreneurial focused faculty.



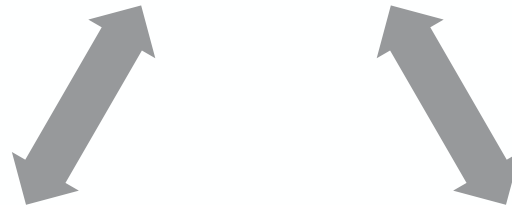
## 2.2.3 Encourage and support faculty and students to engage in funded creative activities

- For NMSU to earn R1 status, research must also involve non-STEM fields, including the creative arts and humanities
- In March, NMSU awarded seed funding to 21 proposals in creative arts and humanities. Each (up to \$10,000 per project)
- In April, "The Amador Family Correspondence Digitization Project," was funded by NEH's Humanities Collections and Reference Resources program



## 2.3.3 Expand research impact by strengthening and leveraging research infrastructure, equipment, facilities, programs, and personnel

**Goal 4 Priority:** Improve business and operational practices and processes to achieve a culture of service and excellence



**Goal 4 Priority:** Elevate information and communication technologies to support NMSU community, systems and security





## 2.4.1 Amplify impact of research on society and the economy by accelerating technology and knowledge transfer as well as associated entrepreneurial activities

### Increase faculty and staff participation in innovation-to-market activities

- LAUNCH Program: Outreach, workshops and Sprints -five technologies in recently completed accelerator
- Work with those who have provisional patents or patents pending to determine commercialization baselines and pathways

### Reward innovation-to-market activities undertaken by faculty and staff

- 2022 Intellectual Property Award Honoree Dr. Rolston St. Hilaire
- Named NMSU's 2022 IP Award Honoree, for his work in a public-private partnership to develop and market JFS-NuMex 3 bigtooth maple, marketed as Mesa Glow, now selling in 22 states

### Sponsor an Entrepreneur-in-Residence assisting with commercialization of NMSU innovation

- New Entrepreneur-in-Residence, Rodrigo Fuentes, working with several faculty members to take their innovation to market
- Focus areas of machine learning, artificial intelligence, computer vision, autonomous vehicle robotics, marketing technology and conversational AI

