



MIDWESTERN STATE UNIVERSITY

## Undergraduate Research

**EURECA  
UGROW  
UGR OFFICE**



# Undergraduate Research Office

- Programs
  - EURECA
  - UGROW
- Budget
  - EURECA
    - \$230,892 (2018-2019)
    - \$287,363 (submitted for 2019-2020, but declined)
  - UGROW
    - \$67,160

# Personnel

- Faculty
  - Dr. Magaly Rincón-Zachary, Director
- Staff
  - Julie Scales, Secretary
  - Dean Hart, Student Work-study

# ★ Funding Source

## ★ Expenditures ★ Best Practices

- Funding source
  - University Budget
- Expenditures
  - Scholarships
  - Faculty stipends
  - Project materials
  - Student travel
  - Personnel
  - Operations
- Best practices
  - Finding best prices on office supplies
  - Tracking project expenses
  - Recycling

# History

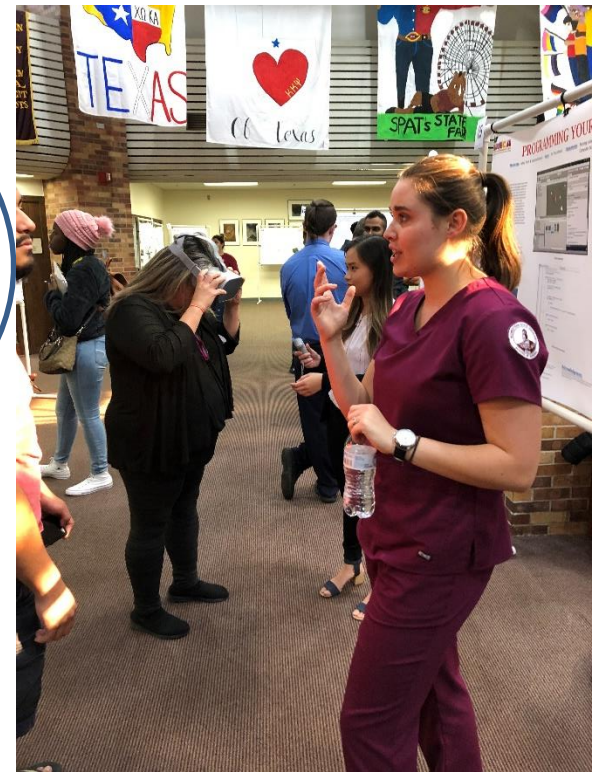
- Undergraduate Research
  - 2013-2018 QEP
  - Served 208 students (30 more than planned)
    - 46% participated 2X or 3X
- Outcomes
  - Impacted students profoundly
    - Presentations at professional conference
    - Published
    - Gone to graduate or professional schools
    - Entrepreneurs
    - Teaching



# What do students say about their research/creative endeavor experience?

As a nursing student this project truly helped me grasp a better understanding of the human [heart], and what goes on every minute of the heart pumping blood...Overall this was an incredible experience that I was blessed to have and [I] encourage others to participate in.

Julianne Plambeck, Fall 2018



# What do students say about their research/creative endeavor experience?

...These opportunities to practice my presentation skills and network with other scientists are a part of my experience as an undergraduate that help me grow as a scientist and future professional in a way that no class would ever be able to.

Bethany Russell, Spring 2018

...Overall, this research was a great experience where we gained new knowledge and first-hand practice. Doing research enhance your team player, critical thinking and analytical skills. I'll recommend any student to partake in such experiences. If given the opportunity, I will definitely do it again.

Calvert Aaron, Spring 2018

# Challenges

- Funding
  - Incentivize students & faculty (scholarships & stipends)
  - Research consumes resources (materials, reagents, TIME, etc.)
  - Office
    - Supplies
    - Printing
    - Etc.



# Funding constraints

QEP Fifth Year	2018-19	2019-2020
\$305,332	\$230,892	\$230,892

# What can we do to serve our students better?

- Communicate with them effectively
- Mentoring
- Create opportunities for them
- Address their concerns
- Offer training
- Support their research and creative endeavors
- Embed undergraduate research and creative endeavors in the curriculum

# Midwestern State University Strategic Plan

- Strategic Initiative 1
    - Promote a Strong University Community
- ## Strategy 1A

Attract, retain, and reward faculty and staff who expect and extend an environment of the highest quality. Encourage all faculty and staff to actively engage students in inquiry, research, creative, athletic, service, and artistic endeavors

# Midwestern State University Strategic Plan

- Strategic Initiative 3
  - **Create a Destination Residential University  
Strategy 3B, Tactic 2**

Develop and implement a signature first-year experience that emphasizes the liberal arts mission and MSU's undergraduate research initiative





**MSU**  
TEXAS™



MIDWESTERN STATE UNIVERSITY





# Challenges

