



# TURAC 2024<sup>+</sup>

Connection • Collaboration • Cohesion

**Collaboration:  
Why Your Work Matters**

April 17, 2024



## **Land Acknowledgement Statement**

*“Arizona State University, Northern Arizona University, and the University of Arizona collectively acknowledge that the campuses are situated on the ancestral lands of twenty-two federally recognized tribes located across Arizona. These universities collectively honor the past, present, and future generations of Native Americans, who have lived here for millennia and will forever call this place home. Committed to diversity, the institutions integrate Indigenous knowledge into their practices and strive to cultivate sustainable relationships with Native Nations through education, partnerships, and community service.”*







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Why Your Work Matters**

# Presenters

**David Trilling - NAU**

**Erin Kruse - NAU**

**Carlo Maley - ASU**

**Stacy Esposito - ASU**







**Stacy Esposito - ASU**



# Developing a DOE Institute

## Almost a 2 year process

- concept note
- full proposal
- 30 page response
- 10 page response
- Interview/presentation in DC (8 person team; ~5 hours)



# Collaboration was key!

- Dean's office team (3)
- Central sponsored projects (proposal manager and GCO; AVP)
- external consultants (3); strategy; proposal management (later stages); presentation coach
- 3 national labs, 8 universities
- 90 industry and community partners



# Expertise AND Communication

- Demonstration of teamwork and commitment (while balancing “normal” responsibilities)
- Working through conflict and focussing on positives
- Idea for future: someone on point for check in's / boundaries





# Result was a win

- \$70 million (and \$75 million cost sharing)
- Launch with DOE, Deputy Secretary Turk attended & participated
- consortium
- test beds
- c-suite team and x staff hires
- WFD and DEIA (community impacts; Justice40)
- [www.epixc.org](http://www.epixc.org)



# Personal accomplishments

- COO role
- the overall experience (especially the interview)
- building trust and partnerships







**David Trilling - NAU**



# NAU: Astronomy and Planetary Science



~50 proposals/year:  
mostly standard R+A  
(NASA, NSF), but  
some oddballs. **Why  
your work matters.**



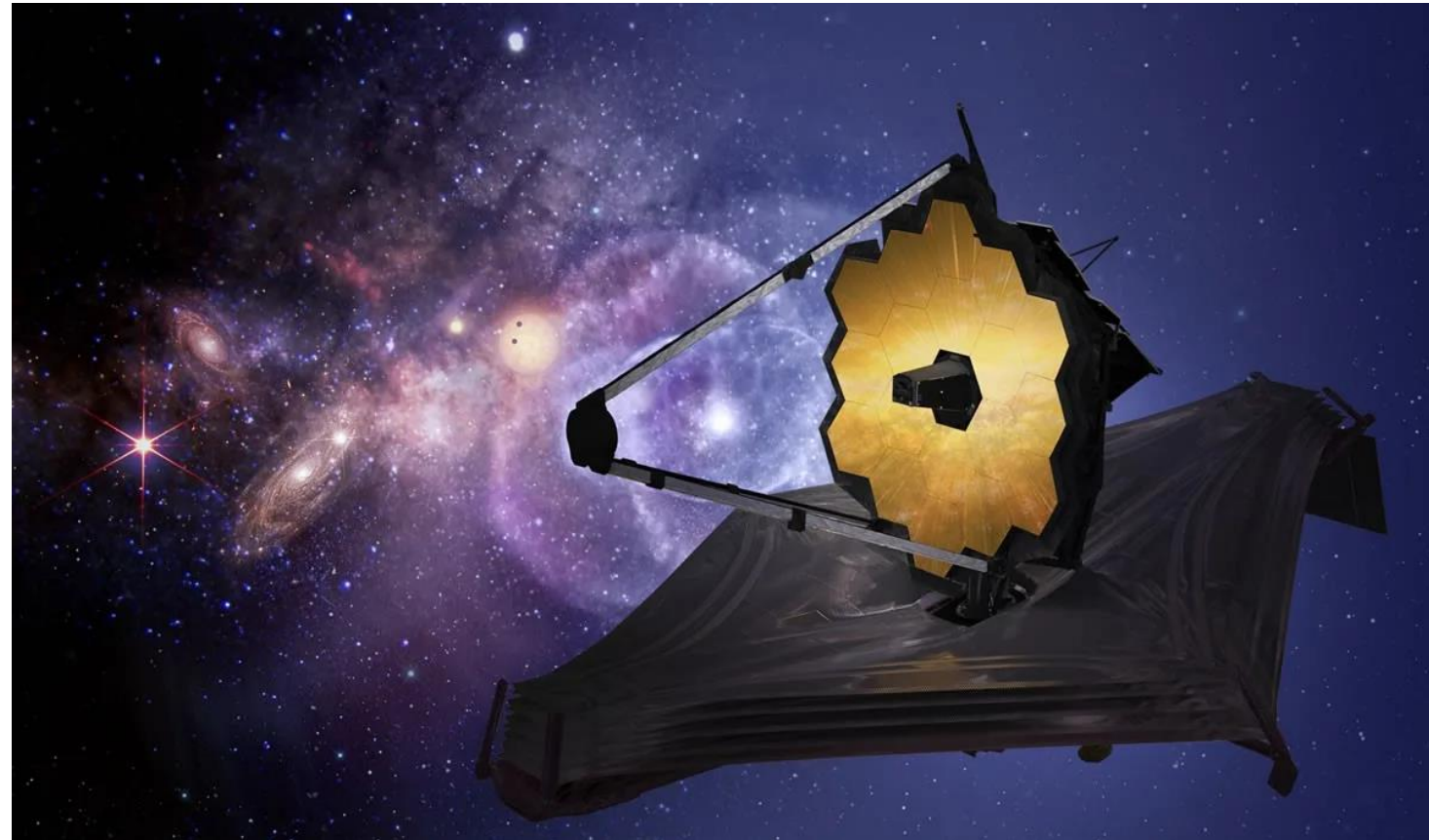


# NAU: Astronomy and Planetary Science

**Hubble Space Telescope**



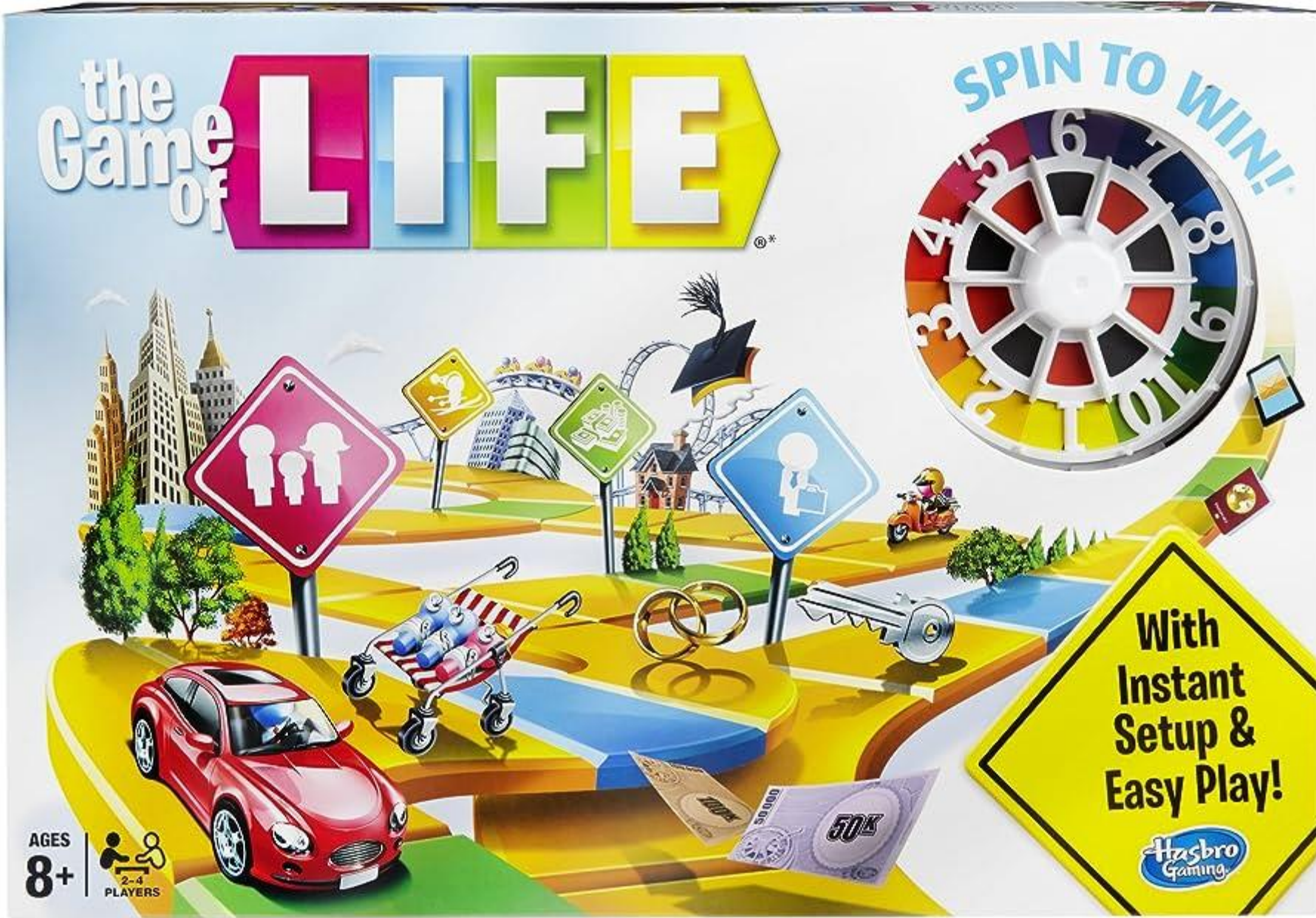
**James Webb Space Telescope**





NAU:

Hubble



scope



NAU:

Hubble



scope





NAU:

Hubble



escope





NAU:

Hubble



scope



# NAU- Astronomy and Planetary Science

(1) Write fabulous science proposal – move ahead 1 space.

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Much rejoicing. Move ahead 3 spaces.

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- (9) Next year: Do it all over again ....

NAU:



Hul

ope

What makes all this back and forth work?

An easy and collegial relationship with our OSP.

What would otherwise be a painful and disappointing process is instead something we can easily work through and laugh about.





NAU:

Hul

What

We try to find the opportunity to visit with our OSP team when there are NO deadlines.

That allows us to build our relationships, so that we know and trust each other when annoying or difficult stuff arises.

AGES  
**8+**  
2-4  
PLAYERS



Hasbro  
Gaming

NAU

Hul

W

That brings us to the theme of this meeting:  
Connection, collaboration, cohesion. That's what makes all this  
possible.

And it is **why your work matters.**

THANK YOU.

AGES  
**8+**







**Carlo Maley - ASU**

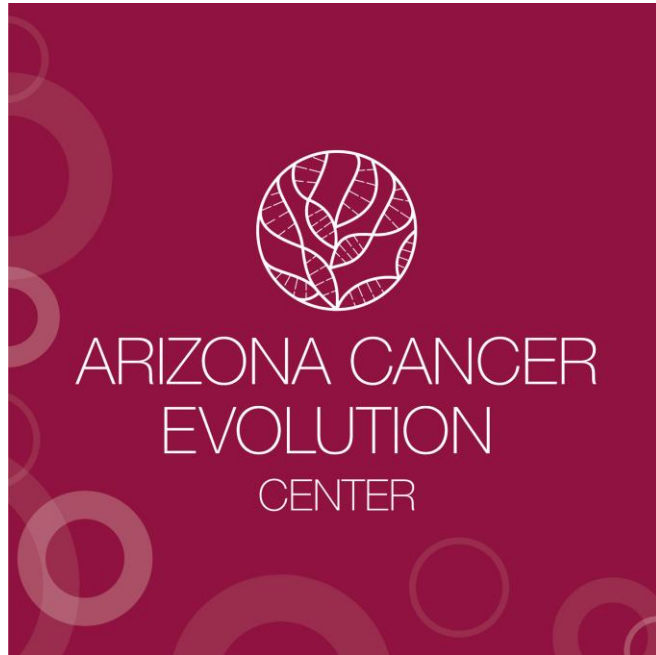
# Keys to Good Collaborations

- **Shared goals**
- **Shared credit**
- **Address needs of team members**  
**(e.g., promote junior faculty)**
- **Work with people you like**
- **Decisions by consensus**





# Arizona Cancer Evolution (ACE) Center Collaboration of 10 Institutions



[cancer-  
insights.asu.edu](http://cancer-insights.asu.edu)

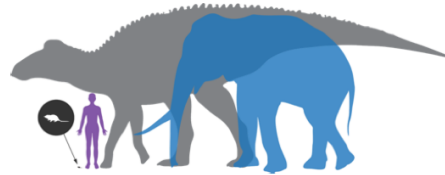


# Science Collaborations

## THE WORD Cancer Evolution Center

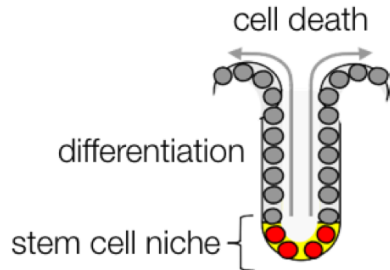
**Comparative Oncology:** Curated world's largest dataset on cancer across species. Evidence that growth rate, litter size, basal metabolic rate, and life span may all contribute to cancer risk.

WHY DON'T WE TALK ABOUT **CANCER**?



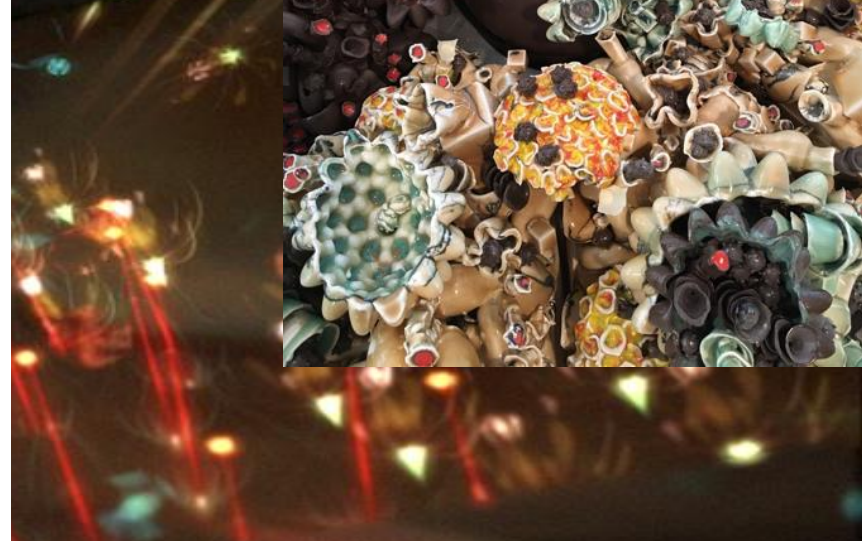
**Normal somatic evolution:** Discovered # stem cells in small and large intestinal crypts. Answered our central question: They aren't significantly different. Collected 58 cell lines (44 species) for functional profiling.

**Neoplastic cell evolution:** Translated digital pathology to colon. Found CNV diversity is not predictive, but measures of ecology are.



Evo-index

Eco-index





# Developing an NIH U54 Center

## A 3-year process starting in 2015

- 3 submissions
- 9 subcontracts (3 in Europe)
- No longer needs to be local: Zoom, Slack, Google Drive
- 48 pages of science (546 pages total)
- \$8M in directs over 5 years
- (Fiscal management is an issue: a weak link problem)





**Erin Kruse - NAU**





# Center for Service and Volunteerism

Elevating Engagement: Axe of Service



# Mission and Vision

Enriching lives and strengthening communities through service and volunteerism.

Vision: The Center for Service and Volunteerism (CSV) at Northern Arizona University aspires to be a leader in the field of service and volunteerism by supporting a **vibrant and diverse network of individuals and partner agencies** who are **making an exceptional impact** throughout Arizona supporting **direct service, capacity building, professional development, and innovation.**



Partner Sites

**260+**

Counties

**9**

Impact

Engaged

**1,894**

People in Service

Supported

**24k+**

People

By Serving

**206,000**

Hours







5 Funders (Federal, State, Local)

11 Awards

\$4.5M



## Collaboration with OSP

- Support without roadblocks
- Excellent example of centralized services
- Responsive and knowledgeable





# Thank You!

**Be sure to complete all 3  
TURAC surveys for a chance  
to win a **\$25 gift card!****







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