

# *Chancellor's Century Council Meeting*

**Bobby Bishop '79, Ph.D., P.E.**

*Vice Chancellor for Engineering, The Texas A&M University System*

*Dean of Engineering, Texas A&M University*

*Director of the Texas A&M Engineering Experiment Station*

*Harold J. Haynes Dean's Chair in Engineering*



Texas A&M Engineering  
Experiment Station

Friday, March 7, 2025



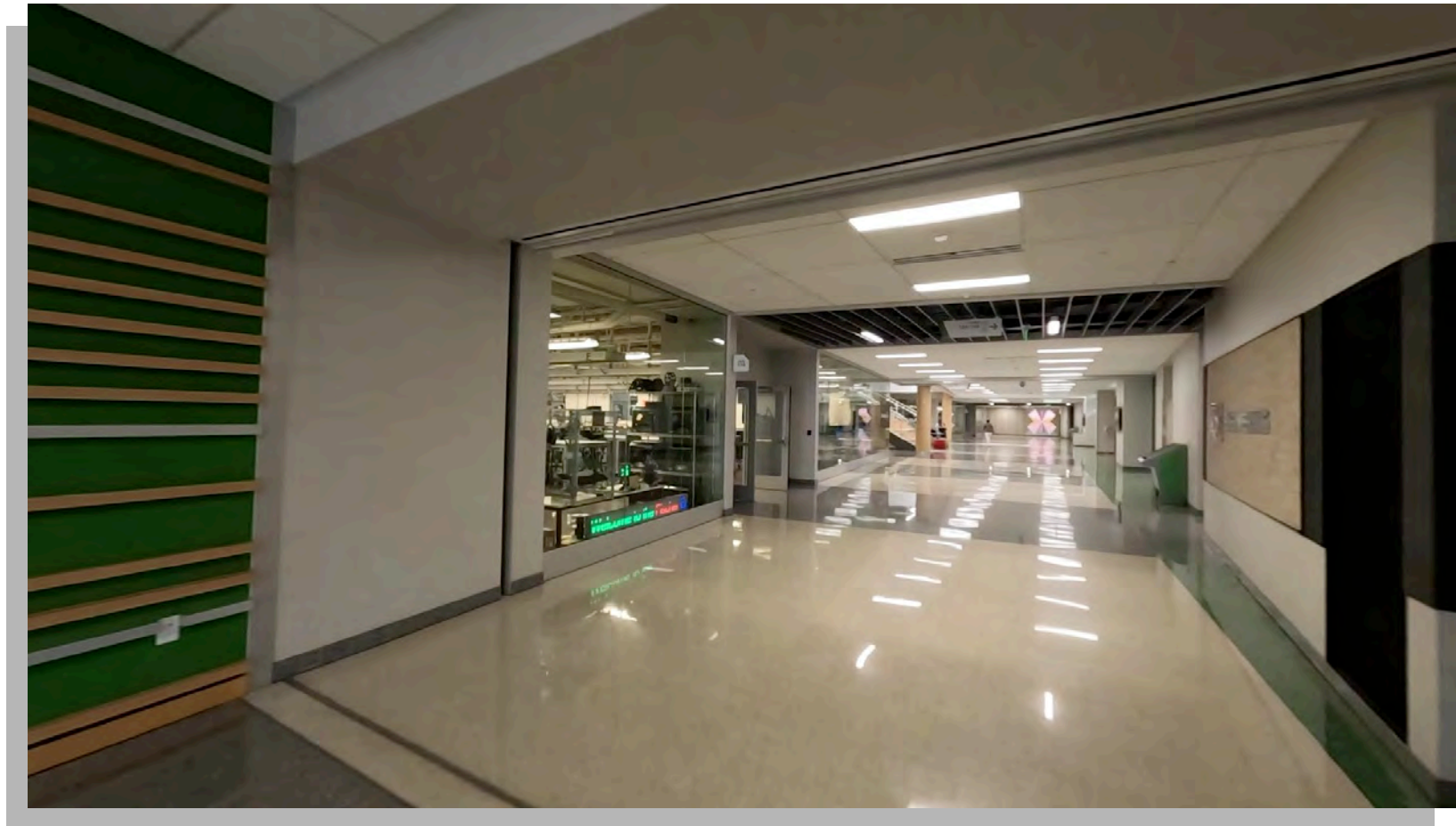
TEXAS A&M UNIVERSITY  
Engineering

# *Thank You, Chancellor Sharp*

## A champion for Texas A&M Engineering

New facilities for  
engineering, including:

- Engineering  
Technologies Building
- Zachry Engineering  
Education Complex



# State-of-the-Art Research & Workforce Facilities

- **Center for Infrastructure Renewal**, where the Smart Grid Center and research labs work to ensure a sound and secure infrastructure for our state and nation.
- Research Integration Center with **space robotics research** facilities.
- The **Facility for Advanced Manufacturing** with a high bay space necessary to train an in-demand manufacturing workforce.
- **Hypersonic wind tunnel** (under construction) where research critical to national security will be conducted.
- **TEES Headquarters** co-located with TTI where we actively collaborate.



# *Beyond Aggieland*

*The Chancellor's  
footprint for Texas A&M  
extends well beyond  
the city limits of  
Bryan/College Station*



- Investing in engineering facilities in Houston and Fort Worth offering engineering programs.
- Creating a more accessible and affordable pathway to an engineering degree by helping us launch 10 Engineering Academies across the state of Texas.
- Supporting the Texas A&M University Space Institute and other space-related endeavors to take us out of this world.

# TAMU-SPIRIT

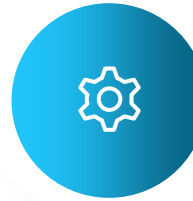
Texas A&M / Aegis Aerospace Multi-Use  
Space Platform Integrating Research &  
Innovative Technology

- A dedicated platform for activities such as in-space research, testing, advanced materials manufacturing, robotics testing, space surveillance and tracking methodologies, and many other technology demonstrations.
- Unparalleled testing and data collection for both passive and active material samples in low earth orbit, and their return to earth for post-mission processing.
- \$6.8 million investment by Chancellor Sharp.



# INSPIRE Alliance

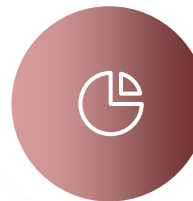
**Integrated National Security –  
Precision Intelligence &  
Resilient Engineering**  
is a high-performance unit  
optimized to develop and deploy  
technology into the DoD and  
industry at large scale and high  
speed.



Like a not-for-profit business  
affiliated with TEES.



Focusing on contracts with  
deliverables, not typical  
university research grants.

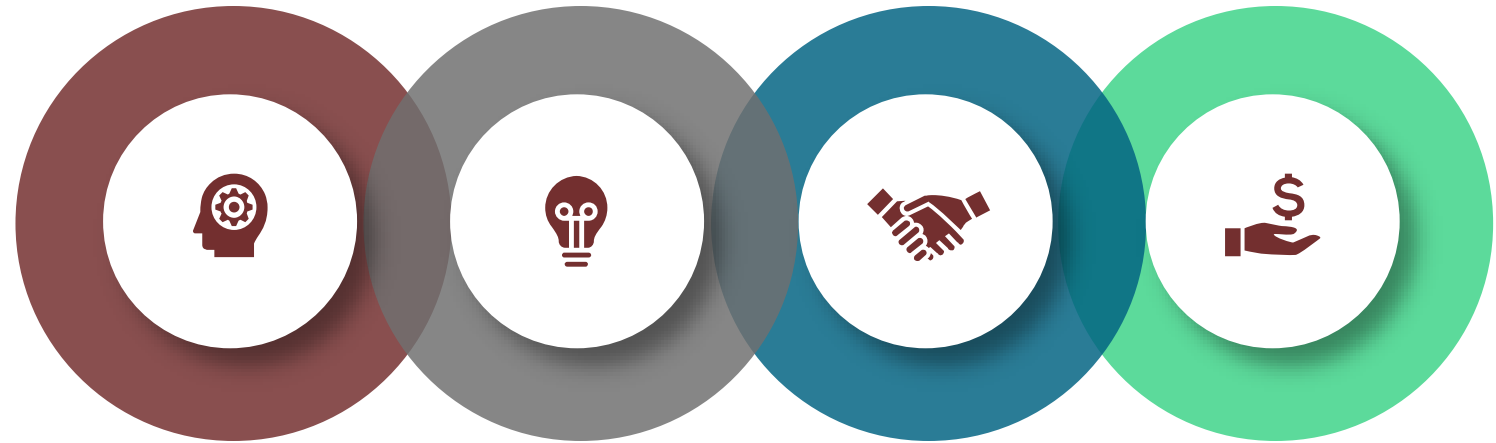


Offering something just as  
important as an equity offering  
to the high-tech ecosystem.

# Strategic Structure

## INSPIRE Alliance

will be a 501(c)(3)  
tax-exempt  
organization  
structure supporting  
The System's  
strategic goals,  
including:



Well-educated & highly skilled global citizens through our continuing commitment to student success

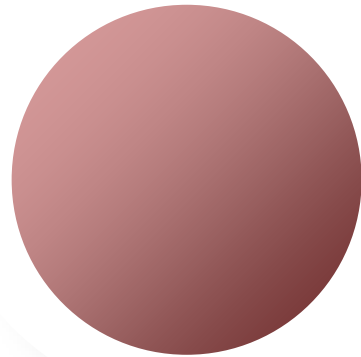
High-impact research & innovation to change lives, improve health, and foster sustainable development and positive societal change

A highly effective, major economic engine, creating new partnerships to build a strong and sustainable future for Texas in the global economy

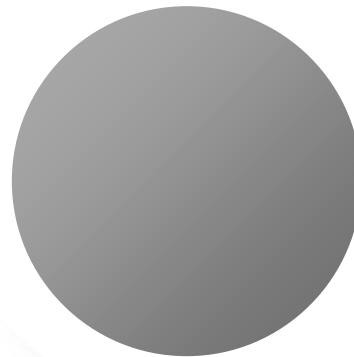
Sound financial management to establish a strong & sustainable economic base

# ***Vision and Values***

for the INSPIRE Alliance



Become our customers' trusted agent to provide engineering solutions that enhance the performance, effectiveness and safety of those that serve our national security.



Promote a culture of integrity, mutual respect, and innovation that enables us to serve our partners and customers in their dynamic operating environment.





TEXAS A&M UNIVERSITY  
Engineering



Texas A&M Engineering  
Experiment Station

***THANK YOU***