

2020-2025 STRATEGIC PLAN

We are the future of innovation, education, service and communities **of, for and by the sea**

GUIDING PRIORITIES

Institutional priorities to guide the university in planning for the years to come:

Enhance transformational education & undergraduate student success

Engage Texas and beyond to enhance our impact

Elevate graduate and professional education

Be a best place to live, work, and learn

Strengthen and harness our research enterprise

Incorporate Inclusion, Diversity, Equity, Accountability (IDEA)

Grow and support our world-class faculty

Address the demands of infrastructure

THE BLUE ECONOMY

The Blue Economy relies upon a sustainable ocean and coastal environment that emerges when commercial activity is in balance with the capacity of ecosystems to support and sustain these while remaining healthy and resilient. As a special-purpose institution in marine and maritime studies, it is incumbent upon Texas A&M University at Galveston to lead efforts in the Blue Economy. We are training the next generation of students and engaging in scholarship that works towards protecting coastal communities, conserving marine life and ocean ecosystems, driving economic growth that includes smart shipping and safe ports, and creating an inclusive ecosystem with improved livelihoods.

Central Tenets of the Blue Economy Framework *(ref. NOAA 2019)*



Coastal Resilience



Ocean Exploration



Marine Transportation & Power at Sea



Seafood Production



Coastal Communities



Marine Systems & Technologies

“The Blue Economy is sustainable use of ocean resources for economic growth, improved livelihoods and jobs, and ocean ecosystem health.

- The World Bank”



KEY STRATEGIES & TACTICS

Visit tamug.edu/AcademicAffairs/StrategicPlan.html for the full Texas A&M University at Galveston and Texas A&M University Strategic Plans.

Integrate the New Ship, the NSMV Lonestar State

Key Leads: Capt. Allan Post, posta@tamug.edu · Capt. Augusta Roth, rotha@tamug.edu

- Review license option curriculum for new capabilities
- Build new undergraduate and graduate curriculum opportunities which utilize the ship and all it has to offer (non-License Option)
- Broaden integration of the ship to the Blue Economy
- Analyze and plan appropriate cost structure

Elevate our Prominence as Academic Leaders in the Blue Economy

Key Leads: Dr. Antonietta Quigg, quigga@tamug.edu · Dr. Daniel Roelke, droelke@tamug.edu

- Advance scholarship in key research areas
- Recruit & retain world class faculty & thought leaders
- Invest in next generation of graduate students
- Hire a professional proposal writer
- Invest in broader impacts with targeted outreach efforts

Grow and Strengthen Engineering at Galveston

Key Leads: Dr. Jay Porter, jporter@tamug.edu · Dr. Alok Verma, averma@tamug.edu

- Build upper level and graduate programs
- Make Galveston a 1st choice destination
- Develop sustainable model for student and space reporting to the State
- Remove any barriers between Galveston and engineering student programs & services
- Prepare Program of Requirements for new building

Develop Structures to Sustain IDEA Work

Key Leads: Dr. Carol Bunch Davis, bunchc@tamug.edu

- Invest & formalize human and financial resources
- Create a central hub for activities and initiatives
- Develop high impact learning opportunities
- Promote alignment with Aggie Core Values

Extend and Enhance External Partnerships

Key Leads: Dr. Donna Lang, langd@tamug.edu

- Local organizations & industry
- K-12 (GISD, etc.) & Higher Education (GC, COM, UTMB, San Jac, Lamar, LoneStar, etc)
- Local & state government entities to plan & build Pelican Island bridge

Implement a Strategic Enrollment Management Process

Key Leads: Dr. Antonietta Quigg, quigga@tamug.edu

- Build an enrollment profile or model
- Include transfer student programs & initiatives
- Targeted recruiting for Black & Hispanic students
- Enhance student success initiatives (retention)
- Adopt Journey, co-curricular map