AGENCY OVERVIEW

M. Katherine Banks, Ph.D., P.E.
Vice Chancellor and Dean of Engineering
Director
Texas A&M Engineering Experiment Station

Dimitris C. Lagoudas, Ph.D., P.E.
Deputy Director
Texas A&M Engineering Experiment Station
Texas A&M System Leadership

Mr. John Sharp
Chancellor
The Texas A&M University System

Texas A&M Engineering Program
Dr. M. Katherine Banks
Vice Chancellor and Dean of Engineering

Texas A&M Agriculture Program
Dr. Mark Hussey
Vice Chancellor and Dean of Agriculture

11 Universities
- Texas A&M University
- Prairie View A&M University
- Texas A&M University-Commerce
- Tarleton State University
- West Texas A&M University
- Texas A&M University-Kingsville
- Texas A&M University-Corpus Christi
- Texas A&M International University
- Texas A&M University-Texarkana
- Texas A&M University-Central Texas
- Texas A&M University-San Antonio
TEES Leadership

M. Katherine Banks, Ph.D., P.E.
Vice Chancellor and Dean of Engineering
Director, Texas A&M Engineering Experiment Station

Dimitris C. Lagoudas, Ph.D., P.E.
Deputy Director, Texas A&M Engineering Experiment Station

N.K. Anand, Ph.D., P.E.
Associate Agency Director,
Texas A&M Engineering Experiment Station

Narasimha Reddy, Ph.D.
Associate Agency Director for Strategic Initiatives and

Cindy Lawley, Ph.D.
Assistant Agency Director for Workforce Development,
Texas A&M Engineering Experiment Station
Balakrishna Haridas, Ph.D.
Executive Director for Commercialization & Entrepreneurship
Texas A&M Engineering Experiment Station

Mark H. Weichold, Ph.D.
Executive Director for Global Initiatives,
Texas A&M Engineering Experiment Station

Charles ‘Chip’ Hill
Executive Director for Corporate Relations,
Texas A&M Engineering Experiment Station

Cindy Wall
Assistant Agency Director for Regional Divisions,
Texas A&M Engineering Experiment Station

Victor Ugaz, Ph.D.
Assistant Agency Director for Research Development,
Texas A&M Engineering Experiment Station

Charles ‘Chip’ Hill
Executive Director for Corporate Relations,
Texas A&M Engineering Experiment Station

Cindy Wall
Assistant Agency Director for Regional Divisions,
Texas A&M Engineering Experiment Station

Victor Ugaz, Ph.D.
Assistant Agency Director for Research Development,
Texas A&M Engineering Experiment Station
Vision

TEES will become internationally recognized for leadership in engineering innovation and commercialization to meet the needs of a dynamic world.

We deliver solutions and open doors to new opportunities.
Mission

- Perform quality research to address society’s needs
- Support the engineering workforce through continuing education
- Develop and transfer technology to industry
TEES By the Numbers FY15

$208M research expenditures
4,838 research projects
42% of research funding from federal sponsors
874 collaborations with our partners
3,045 industrial research sponsors
72 patent applications
1,302 students supported in research activities
Strategic Initiatives and Centers

Dr. Narasimha Reddy
Associate Agency Director for Strategic Initiatives and Centers

Dr. Victor Ugaz
Assistant Agency Director for Research Development
TEES performs quality research to address society’s needs
Research Focus Areas

- Energy Systems and Services
- Materials and Manufacturing
- Healthcare
- Infrastructure
- Information Systems and Sensors
- National Security and Safety
- Engineering Education
Energy Systems & Services

- Texas A&M Energy Institute (*Partnership with TAMU*)
- Energy Systems Laboratory
- Smart Grid Center
- Global Petroleum Research Institute
- Turbomachinery Laboratory
- Crisman Institute (Petroleum) (*Partnership with TAMU*)
- Gas & Fuels Research Center (*TAMUQ Lead*)
Healthcare

- National Center for Therapeutic Manufacturing *(Partnership with TAMU)*
- Center for Remote Health Technologies and Systems
- Center for Bioinformatics & Genomic Systems Engineering *(Partnership with AgriLife)*
Information Systems & Sensors

- Emergency Informatics
- Texas Center for Applied Technology
- Center for AutoNomous Vehicles And Sensor Systems
- Lone Star UAS Center (Partnership with TAMU-CC)
- Aerospace Technology Research & Operations Center
Materials & Manufacturing

- Polymer Technology Center
- Center for Intelligent Multifunctional Materials and Structures
- National Corrosion and Materials Reliability Center
- Institute for Manufacturing Systems
- Processing Engineering R&D Center
Infrastructure

- Offshore Technology Research Center
- Thomas & Joan Read Center for Distribution Research & Education
National Security & Safety

- Texas A&M Cybersecurity Center *(Partnership with TAMU)*
- Mary K. O’Connor Process Safety Center
- Nuclear Science Center
- National Security Science & Policy Institute *(Partnership with TAMU)*
- Center for Large Scale Scientific Simulations *(Partnership with TAMU)*
- Institute for National Security Education & Research *(Partnership with TAMU)*
- Nuclear Power Institute *(Partnership with TAMU)*
Engineering Education

• Institute for Engineering Education & Innovation (*Partnership with TAMU*)
Workforce Development

Dr. Cindy Lawley
Assistant Agency Director for Workforce Development
TEES supports the state’s workforce through education and training
Current Initiatives

Outreach
- PreK – 5th Grade Learning Modules
- ExxonMobil Texas State Science and Engineering Fair

Career Development
- Texas A&M Engineering Academies
- Research Experiences for Undergraduates

Continuing Education
- Advanced technical and professional trainings (certificates, conferences, short courses)
- Both in-person and remote
Commercialization and Entrepreneurship

Dr. Balakrishna Haridas
Executive Director of Commercialization & Entrepreneurship
TEES develops and transfers technology to industry

- Non-Standard Industry Contracts
- IP Policies & Procedures
- Enhance Industry Interactions
- Drive & Invest: Licensing | IP | Startups | Research
Mr. Charles ‘Chip’ Hill

Executive Director for Corporate Relations
Industry Programs

Facilitates industry interactions with Texas A&M Engineering to achieve TEES mission through:

- Research partnership agreements
- Technical Assistance Program for small businesses
- JIPs/multidisciplinary consortia
- Workshops and forums
- TEES center programs support
- Connectivity to regional partners
- Site and campus visits
Local and College of Engineering Divisions

Dr. N.K. Anand
Associate Agency Director
Regional Divisions

Ms. Cindy Wall
Assistant Agency Director for Regional Divisions
Regional Divisions

Angelo State University
Blinn College
Del Mar College
Lamar University
New Mexico State University
Prairie View A&M University
Tarleton State University
Texas A&M International University
Texas A&M University
Texas A&M University at Galveston
Texas A&M University-Central Texas
Texas A&M University-Commerce
Texas A&M University-Corpus Christi
Texas A&M University-Kingsville
Texas A&M University-San Antonio
Texas A&M University-Texarkana
Texas State University
Texas Woman’s University
University of North Texas
West Texas A&M University

Regional Offices

Houston
Mesquite
Tees Field Offices
Work Space – Conference Rooms – Support

Houston Office
15835 Park Ten Place, Suite 160
Houston, Texas 77084
Phone: (281) 829-9246
Contact: Brian Conroy | bconroy@tamu.edu

- Three furnished offices and conference room, videoconferencing

Mesquite Office
15515 I-20
Mesquite, Texas 75181
Phone: (800) 723-3811
Staffing TBD, support provided by TEEX
Contact: Cindy Wall | c-wall2@tamu.edu

- Two furnished offices, access to shared conference room
Global Initiatives

Dr. Mark Weichold
Executive Director for Global Initiatives
Global Programs

- Mexico
- Brazil
- Qatar
- Mediterranean Countries
- India
- China
- Argentina
- Australia
Texas A&M Engineering Experiment Station

More than 100 years of engineering innovation at work