



STRATEGIC PLAN 2019

# ENGINEERING *with* IMPACT

EXECUTIVE SUMMARY



SMU | LYLE  
SCHOOL OF ENGINEERING

# ENGINEERING

with

# IMPACT

The SMU Lyle School of Engineering strives to have a measurable positive **impact** in all of the dimensions it chooses to work in and on all of the people it touches.

*The **impact** of the research we conduct ripples through our fields of study, our community, our economy, our country and throughout our world. It has a significant **impact** on the quality of students and faculty we attract to the Lyle School.*

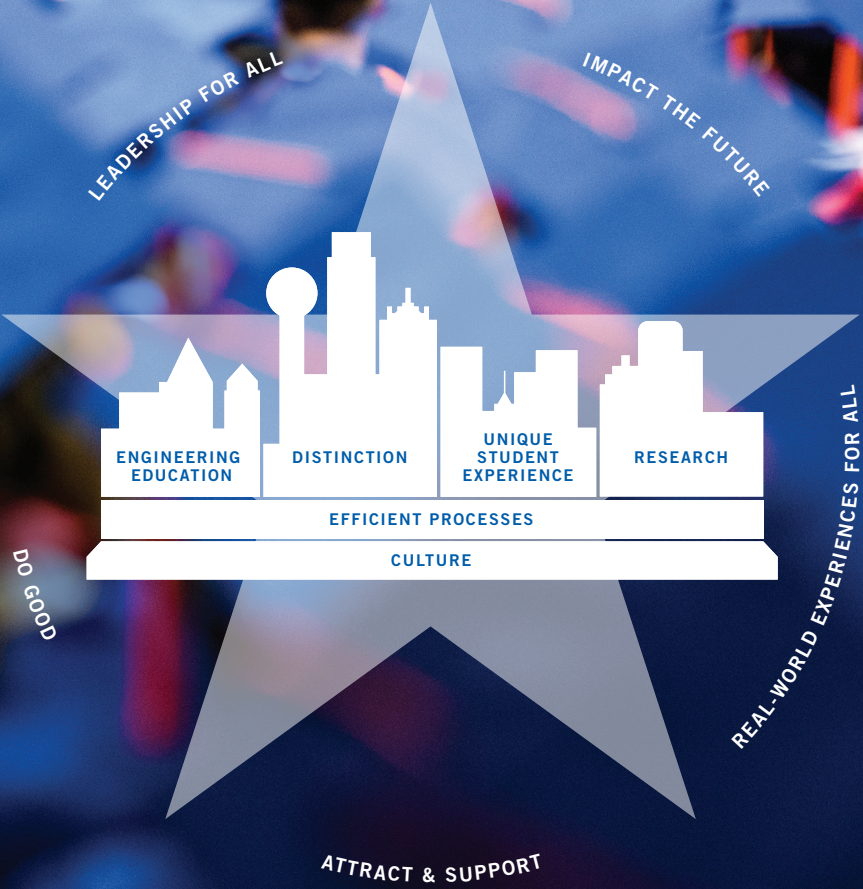
- We choose to focus our efforts on topics in which our faculty have the expertise to be truly excellent.
- We support innovative new research through seed funding that helps bridge the gap between ideas and first external funding.
- We strive to combine our collective expertise and seek out collaborators to enable novel and important research, which we are uniquely situated to jointly accomplish.
- We train Ph.D. students to be outstanding academics, as well as respected industry leaders.
- We partner with colleagues in other institutions to explore how our ideas may **impact** the world outside the boundaries of the University.

*The **impact** of our students is felt in the organizations where they are employed, throughout the sectors in which they work, and in the communities where they live.*

- We apply best practices in our teaching and training.
- We provide students with a firm grasp of the fundamentals of their field, as well as a taste of emerging and relevant innovations.
- We purposefully develop their “soft skills” and leadership acumen.
- We expose them to global challenges where their skills can make a difference.
- We nurture their innovative problem-solving talents.
- We instill in them the importance of moral and ethical behavior in their professional and personal lives.
- We prepare them to be effective leaders in business enterprises.
- We encourage and nurture their entrepreneurial spirit.

*To ensure we maximize our **impact**, the Lyle School will continually strive to be a high-performance organization where:*

- We are ever mindful of what is best for our students.
- We invest in the development of the talent at all levels within our organization.
- We work to foster a deep level of trust and kinship across the organization.
- We recognize that the quality of ideas matters more than who suggested them.
- We continually seek to be efficient in our processes.



## OUR STRATEGIC GOALS

- 1 *Be internationally recognized for our research **impact**.*
- 2 *Be an engineering education leader grounded in research-based practices.*
- 3 *Distinguish ourselves through leadership development, real-world experiences, and a focus on solving society's greatest challenges.*
- 4 *Cultivate a unique and supportive student experience that results in sought-after engineering leaders.*
- 5 *Foster a culture of belonging and engagement that celebrates the diverse talents of the Lyle community.*
- 6 *Strive to be a high-performance organization that maximizes the Lyle School's **impact**.*

## STRATEGIC INITIATIVE AREAS SUPPORTING OUR GOALS

- ▶▶ 1 *Impact the Future: The Lyle Future Fund*  
(GOALS 1, 2, 3, 4)
- ▶▶ 2 *Leadership for All*  
(GOALS 1, 3, 4)
- ▶▶ 3 *Real-world Experiences for All*  
(GOALS 1, 2, 3, 4)
- ▶▶ 4 *Do Good*  
(GOALS 1, 2, 3, 4)
- ▶▶ 5 *Attract the Very Best and Support Them to Succeed*  
(GOALS 1, 2, 3, 4, 5, 6)



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