



## LAMAR UNIVERSITY

A Member of The Texas State University System

August 10, 2021

Dear Colleagues, Alumni, and Friends,

This is to announce that Dr. Kendrick Aung Memorial Scholarship (LUF844) has been established, thanks to the generous donation from Dr. Aung's family.

Dr. Aung was a professor in the College of Engineering who had taught mechanical engineering from 2001 to 2020 and served as interim department chair in 2020. Among many courses he lectured for both undergraduate and graduate students, Dr. Aung mentored more than 50 senior Capstone design teams, and many teams won prizes and scholarships in regional and national design competitions such as SAE Baja and Texas Space Grant Consortium Design Challenge. Dr. Aung passed away on 01/13/2021 when he was preparing for starting a new semester. Dr. Aung's family established this scholarship to memorialize his dedication to students at Lamar.

This scholarship is to award the senior design projects of Mechanical Engineering as well as individuals with strong leadership in senior design team as the Senior Capstone Design has been Dr. Aung's favorite class.

To make Dr. Aung's legacy last, the Department of Mechanical Engineering and the College of Engineering fully support this scholarship. For those who want to, your contribution will be highly appreciated. The donation can be made through mail, online, and in person. In details,

**MAIL:** Lamar University Foundation, P.O. Box 11500, Beaumont, TX 77710

*Please indicate the designation, in this case to the Aung Scholarship and Design Award (or some language to identify the designation) on the memo line of the check or in an accompanying note.*

**ONLINE:** <https://www.lamar.edu/forms/advancement/secure-online-giving.html>

*The form is self-explanatory for the most part; in the drop-down box marked "Designation," click "Other," and then in the "Other Designation" box, write "Aung Scholarship and Design Award" or something to that effect.*

**IN PERSON:** Checks or funds may be dropped off if desired at the Lamar University Foundation office, in the John Gray Center, Rudy Williams Building.

For your information, more details about Dr. Aung are presented in the next page. Should you have any questions, please contact Prof. Xianchang Li ([xli2@lamar.edu](mailto:xli2@lamar.edu)) and/or Prof. Jenny Zhou ([jenny.zhou@lamar.edu](mailto:jenny.zhou@lamar.edu)).

Sincerely yours,

Department of Mechanical Engineering  
Lamar University

## **Dr. Kendrick Aung**

Dr. Aung was a professor in the College of Engineering who had taught mechanical engineering from 2001 to 2020 and served as interim department chair in 2020. He was a gifted teacher, exceptional mentor always enthusiastic about his work with students and his research and an acclaimed academic who devoted himself to his discipline.

At the undergraduate level, Aung taught dynamics, engineering thermodynamics I, engineering thermodynamics II, fluid mechanics, measurements lab, seminar, thermal systems design, integrated systems design and senior design project. He also taught graduate classes including advanced engineering analysis and optimization of thermal systems. He taught a variety of elective courses at both the undergraduate and graduate levels.

Aung, a mechanical engineering graduate from Rangoon Institute of Technology in Burma, earned his master's degree in energy technology from Asian Institute of Technology in Thailand and his doctorate in aerospace from the University of Michigan. Aung was a post-doctoral fellow at Georgia Institute of Technology in Atlanta, Georgia from 1996 to 1998. In January 1999, he joined the Department of Aerospace and Mechanical Engineering at the University of Southern California as a research assistant professor. In 2001, he joined Lamar University as an assistant professor in the Department of Mechanical Engineering.

While at Lamar University, Aung mentored more than 50 senior Capstone design teams, and several of those teams won prizes and scholarships in regional and national design competitions such as SAE Baja and Texas Space Grant Consortium Design Challenge. Aung also received six senior design project grants from American Society of Heating, Refrigeration and Air-Conditioning Engineers. He served as faculty mentor to two McNair Scholars, and he sponsored a paper published by a group of undergraduate students, "A Parametric Study of a 4-Stroke Motorcycle Exhaust System," 2004 International Mechanical Engineering Congress and RD&D Exposition, Anaheim, CA in November 2004.

The beloved teacher and colleague received the Presidential Faculty Fellow for Innovation in Teaching Activity award in 2014 and 2015 and the Distinguished Faculty Fellow for Teaching award twice, 2015-2018 and 2018-2021. He received the Presidential Fellowship in Research in 2014 and the Tim Kendall Memorial Prize from the Asian Institute of Technology in 1991.

Aung was the recipient of the **2019 University Professor Award**. This is the most prestigious award for a faculty member at Lamar. Details available at the link (<https://www.lamar.edu/news-and-events/news/2019/04/2019-universityprofessor-award-kendrick-aung.html>).

Aung was the faculty advisor for Lamar University's Sigma Xi section of Pi Tau Sigma Mechanical Engineering Society, the LU American Society of Mechanical Engineers student chapter, the LU Society of Automotive Engineers student section, and the LU American Society of Agricultural and Biological Engineers student section.

Aung was well-known in the field of mechanical engineering. His research on renewable energy and energy systems, hydrogen flames and combustion and alternative fuels was widely published and presented at engineering conferences.

Dr. Aung passed away on January 13, 2021, as he was preparing for starting a new semester.