

BIOSKETCH

(Summarized version – 112 words)

David is an Associate Professor at the School of Mechanical Engineering, College of Engineering, Universiti Teknologi MARA, Malaysia. He earned his doctoral degree in Mechanical Engineering and Materials Science at Texas A&M University, USA under the auspices of Fulbright Fellowship, the Rice-Cullimore Scholarship – ASME Auxiliary, and the Malaysian Government. David obtained a MSc degree and a B. Eng (Honors) degree in Mechanical and Materials Engineering from Universiti Kebangsaan Malaysia. He has authored over 100 refereed scientific articles and 11 book chapters as of August 2023. David consults scientific journal publishers on indexing solutions in Scopus, PubMed, Crossref and CLOCKSS. His research interests include bio-composites engineering, acoustics, structural health monitoring and pedagogical innovations.

(Full version)



David is currently an Associate Professor at the School of Mechanical Engineering, College of Engineering, Universiti Teknologi MARA (UiTM), Shah Alam, Malaysia. He earned his doctoral degree in Mechanical Engineering and Materials Science at Texas A&M University, USA under the auspices of Fulbright Fellowship, the Rice-Cullimore Scholarship – ASME Auxiliary, and the Malaysian Government. David obtained a Master of Science degree and a Bachelor of Engineering (Honors) degree in Mechanical and Materials Engineering from Universiti Kebangsaan Malaysia. He was the Head of International & Private Grants Acquisition Unit at the Research Management Center, UiTM between 2011 and 2019. During his tenure, the inflow of research funds increased 18-fold with grants obtained from more than 30 private and international funding bodies. The international and private grants registered the highest growth sector for grants acquisition across the UiTM system in 2017. He was honored with Excellent Service Award UiTM in 2004, 2015 and 2021. David is a member of the Board of Engineers, Malaysia and the American Society of Mechanical Engineers. David authored/co-authored over 100 refereed scientific articles and 11 book chapters as of August 2023. He was also the Chief Editor of two international conference proceedings and a special issue journal. David was the pioneering founder of and the first Managing Editor of the Scopus-indexed Journal of Mechanical Engineering published by UiTM Press. David consults scientific journal publishers on indexing solutions in major databases including Scopus, PubMed, Crossref and CLOCKSS. His research interests include bio-composites engineering, viscoelasticity, acoustics, structural health monitoring and pedagogical innovations. He has developed and tested a new iso-strain state composite model to characterize the uniaxial viscoelastic behavior of a natural rubber coated ballistic fabric. David also helped established the modified flipped-classroom to designing teaching instruction for remote and blended learning in UiTM.

