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Elizandro Named 2010 Brown-Henderson Award Recipient

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Office of Communications & Marketing



David W. Elizandro received the 2010 Brown-Henderson Award from Tennessee Tech University's College of Engineering.

The award honors outstanding performance in teaching and research or service and carries the names of TTU's College of Engineering Dean Emeritus James Seay Brown and James Henderson, the college's first dean.

Elizandro, interim chairperson of TTU's industrial and systems engineering department, has had more than \$2 million in research projects and grants in the areas of program evaluation and the design and development of information systems. Most of his research is now in the area of program development and assessment.

Recently he designed and developed an information system to administer ABET's program assessment processes. Major features of the system are to enhance sustainability of the assessment effort and account for variances in metrics associated with small programs.

Elizandro has numerous publications in areas such as expert systems, data communications, simulation, distributed simulation, quality control, adaptive control systems, time series analysis, nonparametric classification using neural networks, flexible manufacturing, engineering education, digital signal processing, integrating technology in engineering education, statistical training in engineering education, academic computing, computer science education, information systems, and program evaluation.

He recently developed a textbook published by Taylor and Francis on discrete event simulation and developed a companion discrete event simulation language.

Elizandro received a bachelor of science degree in chemical engineering, a master's degree in business administration, and a doctorate in industrial engineering from the University of Arkansas.

His administrative experience in academia includes serving as dean of mathematics, science and engineering at the University of the Incarnate Word; chairperson of industrial and manufacturing engineering, and head of computer science at Texas A&M University – Commerce, where he received the Distinguished Faculty Award. He is a member of the Academy of Distinguished Graduates of the industrial engineering and the chemical engineering departments at the University of Arkansas.

Elizandro also served as a state agency director while appointed as the governor's representative for highway safety in Arkansas. He has been a national officer and board member on numerous professional committees.

Last year's Brown-Henderson Award winner was Sharon Huo, civil engineering interim chairperson and professor.

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