

Engineering grad nurtures love for medicine

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Tulane engineering alumnus Jorge E. Nagel, center, accepts a 2017 medical school scholarship presented by LAMMICO, a liability insurer for medical professionals that awards a scholarship to one incoming first-year student at each of Louisiana's three medical schools. Also pictured are LAMMICO representatives Kendall Ankesheilm, left, and Lauren Celino, right. (Photo from LAMMICO)

Tulane-trained engineer Jorge E. Nagel once helped doctor a robotic car to a historic finish in a U.S. Defense Department-sponsored race. Now he's engineering a new career for himself as a first-year student at Tulane School of Medicine.

Nagel is the recipient of a 2017 medical school scholarship presented by LAMMICO, a liability insurer for medical professionals that awards a scholarship to one incoming first-year student at each of Louisiana's three medical schools.

Nagel possesses a unique blend of skills. After starting his academic career in Venezuela, he graduated from Tulane's School of Science and Engineering with a bachelor's degree in biomedical and mechanical engineering in 2003 and a master's degree in mechanical engineering in 2006.

His expertise in robotics and control systems led to his work on the Kat-5, an autonomous car that finished fourth in the 2005 Defense Advanced Research Projects Agency's Grand Challenge race, one of just five entrants to complete the course, out of a field of 195.

Tulane University

For their Kat-5 triumph, Nagel and his four “Team Gray” colleagues were named to *Gambit* newspaper’s 2008 “40 Under 40” honor roll, which recognizes the accomplishments of individuals who are 39 years old and younger in New Orleans.

A former engineer for Kongsberg Maritime and Intralox, Nagel also holds several patents on innovations ranging from autonomous vehicle systems (AVS) to conveyor belts.

And his inventions aren’t limited to machines. As founder of Rehydration Solutions LLC, Nagel developed Lyte Stix, an all-natural electrolyte freezer bar for athletes — likely inspired by his own experience as a top-500 finisher in the Crescent City Classic 10K.

Among his activities at the School of Medicine, Nagel is serving as the 2018 president of the Medical Entrepreneurship Interest Group at the medical school.

Nagel says he is honored by the LAMMICO award and is happy to be at the Tulane School of Medicine.

“It was my first choice.”