

### A Liquid Solution

When people are walking around the city or driving along the road, every now and then they see some telephone pole or light post with flowers, leis, signs, and even balloons hung around it in order to honor their loved one who was a victim to a car accident. Each year there are many fatalities caused by accidents. Everyone is aware of speed bumps; many see them as a hindrance, but in reality they play a crucial role in keeping everyone safe. If we were to transform the idea of a speed bump from a minor hindrance to a life saving device, it could become a reminder to all drivers to obey the rules of the road and keep everyone safe.

Everyone agrees that these accidents are tragic, so we should resolve these horrific incidents. From Star Advertiser, it says, “a total of 52 traffic fatalities have been recorded in Hawaii in 2019 according to the latest statistics from the state Department of Transportation. That’s an 18% increase over the 44 recorded during the same period last year” (Wu). This shows that the rate of which these accidents occur is steadily rising. On top of that, “during the entire year of 2018 in Hawaii, there were 177 fatalities total, involving 44 pedestrian accidents” (Wu). Though to be more specific, “more than half of the pedestrian accidents took place on Oahu, with 27” (Wu). Not only do many pedestrians die from these accidents, but many passengers as well: “38 people who were occupants of vehicles died statewide in 2018” (43 Pedestrians Dies). Now, “Oahu saw the highest number of traffic fatalities by far in 2018, with 62” (43 Pedestrians Dies). Something must be done about these tragic events; if not, there could be ever increasing numbers as the years go on.

Speed bumps are a great way to control the speed of drivers, however, though it does ward off reckless drivers, it still serves as a hindrance to even the safe drivers. There is a Spanish

company by the name of Badenova S.L that has developed the world's first liquid speed bump: "The speed bump is filled with a non-Newtonian liquid which changes viscosity when pressure is applied at high velocity"(Siciliano). This means that when a vehicle is traveling at the appropriate speed, the speed bump will flatten out and won't hinder the driver and vehicle, but if a vehicle were to be traveling at a high speed, the bump would harden and punish the speeding driver. This has been such a useful utility that "They've been installed in Villanueva de Tapia, Spain and there has also been interest from Israel and Germany"(Siciliano). This invention has not only been approved to be used in Spain, but is also gaining the interests from other countries as well. We could bring this idea to Hawaii and install them around well populated and residential areas.

Clarence T.C. Ching was a man who viewed his community first and always put himself second to others. He was a man who could accomplish anything he set his mind to. There's no mountain too tall, nor river too wide he couldn't pass. He has done an extraordinary amount of good to the community of Hawaii. His work has touched the lives of many generations. When he made the Kukui Gardens, it was a way to give to the community even though he had nothing to gain. Clarence T.C. Ching was just that type of humble man. He has become such a role model for many, especially me. He has inspired me to think of myself as second and to help others for the sake of their happiness and not for self-benefit.

Inspired by the philosophy of Clarence T.C. Ching, we can make Hawaii a safer place for the locals, as well as the tourist. We must use the ideas presented to us to support the well being of others. Placing others first and yourself second is the vision Clarence T.C Ching had for the

people of Hawaii. Now we can carry on his legacy and make his dream a reality: create a pleasant paradise for all to enjoy.

### Works Cited

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