

CURING CANCER

When it comes to solving complex problems, **Geoffrey von Maltzahn**, MIT graduate student and biomedical engineer, looks to nature for solutions. Finding inspiration in evolution, von Maltzahn is currently helping to tackle one of society's biggest challenges: improving tumor detection and therapeutic delivery in order to boost the survival rate of cancer patients.

The 28-year-old Ph.D. candidate in the Harvard-MIT Division of Health Sciences and Technology (HST) received the prestigious \$30,000 Lemelson-MIT Student Prize for his promising innovations in the area of cancer therapy, specifically two inventions in nanomedicine: a new class of cancer therapeutics and a new paradigm for enhancing drug delivery to tumors.

Working at the confluence of nanotechnology, engineering and medicine, von Maltzahn's innovations have the potential to reduce side effects and overpower drug resistance mechanisms by more powerfully concentrating external energy and targeted therapeutics in tumors. ■



Geoffrey von Maltzahn

MOMPREENEERS



Carla Falcone and Romy Taormina created their product after commiserating about the lack of fashionable acupressure wrist bands to relieve morning sickness.

Psi Bands were born as a result. It's a product devoted to helping mothers (and others) seeking a more fashionable and functional way to alleviate nausea.

The bands are FDA-cleared acupressure wrist bands for the relief of nausea due to morning sickness, motion sickness, chemotherapy and anesthesia. They come in five fun designs and are adjustable at two areas, around the wrist like a watch and at the acupressure point for personalized comfort.

Psi Bands also are waterproof and reusable. They cost about \$15. ■

Visit www.psibands.com

