



LEMELSON-MIT ILLINOIS STUDENT PRIZE



Kira was part of a team that initially developed electrohydrodynamic jet (e-jet) into a high-resolution printing process. Kira has since created a desktop system that uses the e-jet printing technology. The design is made to be a low-cost, compact e-jet system that uses an electronic sensing technique to enable e-jet printing. The creation of this system was pursued because of its potential to fabricate high-resolution patterned devices in electronics. The availability of this affordable, compact and user friendly system is critical to the transition of this technology into the mainstream manufacturing scene.

2010 FINALIST

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GRADUATE MECHANICAL SCIENCE AND ENGINEERING