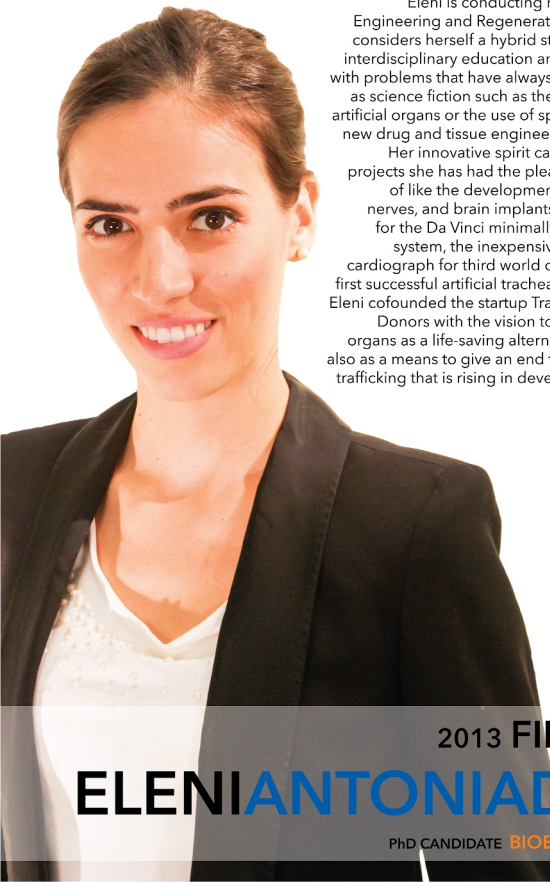


LEMELSON-ILLINOIS

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Eleni is conducting research in Tissue Engineering and Regenerative Medicine and considers herself a hybrid student due to her interdisciplinary education and her fascination with problems that have always been thought of as science fiction such as the development of artificial organs or the use of space materials for new drug and tissue engineering applications.

Her innovative spirit can be found in the projects she has had the pleasure to be a part of like the development of artificial skin, nerves, and brain implants, the robotic arm for the Da Vinci minimally invasive robotic system, the inexpensive telemonitoring cardiograph for third world countries, and the first successful artificial tracheal transplantation. Eleni cofounded the startup Transplants Without

Donors with the vision to provide artificial organs as a life-saving alternative therapy, but also as a means to give an end to the illicit organ trafficking that is rising in developing countries.

2013 FINALIST

ELENI ANTONIADOU

PHD CANDIDATE BIOENGINEERING