


LEMELSON-MIT

\$30,000 Illinois Student Prize

A portrait of Muhammed Fazeel, a young man with dark hair, glasses, and a goatee, wearing a grey suit jacket over a white shirt. He is smiling and looking slightly to the right.

While researching cardiac disease and diagnostics, Muhammed learned how sensitive the outcome of a cardiac emergency is to time. While medical prowess in the cardiac field is impressive enough that doctors today can tackle and treat almost any heart disease, cardiac events are the number one killer of men and women worldwide not because of a void in the medical field, but because of the delay in treatment. In order to solve this issue, Muhammed is working on an innovation called "In Case of Emergency" or I.C.E. This is a device that can call emergency services in case of major cardiac events that is affordable and non-invasive. He is also working on another project called Tabule, an instructor-student communication tool that is simple, efficient and ready to use on any smart-phone or laptop. Tabule is currently in its beta-testing phase.

2012 FINALIST

MUHAMMED FAZEEL

SENIOR INTEGRATIVE BIOLOGY