

# LEMELSON-ILLINOIS

BE REWARDED FOR YOUR INNOVATION



Throughout his undergraduate and graduate studies, Arnab has strived to translate his scientific curiosity into technological innovations that enhance human capabilities and improve society. He has brought to fruition the conception of a keyboard design for patients with motor disabilities, the development of low-cost and point-of-care medical diagnostic devices, as well as bio-imaging tools to advance industrial and pharmaceutical bio-production and cancer research. He has worked to develop novel computational models to guide antiretroviral therapy in AIDS in addition to a biomedical microfluidic platform to facilitate rapid and precise screening of antibiotic susceptibilities of pathogens.

Arnab is passionate about exploring new ideas and developing innovative strategies to address key challenges in science and technology and will continue to fervently pursue opportunities to deliver sustainable solutions to challenges in healthcare, renewable energy technology, and other pressing real-world needs.

2013 FINALIST

**ARNABMUKHERJEE**

PHD CANDIDATE **CHEMICAL & BIOMOLECULAR ENGINEERING**