



ILLINOIS INNOVATION PRIZE

 **TECHNOLOGY ENTREPRENEUR CENTER**
ENGINEERING AT ILLINOIS

Matthew Alonso has both his B.S. and M.S. in Mechanical Engineering from the University of Illinois at Urbana-Champaign. Currently, Matthew is an Agricultural Engineering Ph.D. student working on solving the global cooking problem by developing a portable solar thermal energy storage system without fuel, fire or emissions. Currently, 3 billion people struggle to find reliable cooking fuel and make due with wood, animal dung, and other solid based fuels. The emissions from these fires are responsible for over 4 million deaths a year, including half a million children.

While at Illinois, Matthew has been a research assistant for the Institute for Sustainability, Energy and Environment; Bashir Group; Fang Group; and Newell Group. Matthew has a legacy of service to the Champaign Urbana community through the Society of Hispanic Professional Engineers (SHPE), the CU One to One mentoring program and through work with the College of Engineering. In addition, he has served on the SHPE Nationals planning committee for the last four years. He is currently the PreCollege Conference Chair, where he and his committee organize activities with local organizations, companies, and universities to get low income and minority students excited about going to college and to introduce them to STEM careers. He is a past and current Cozad New Venture Competition semi-finalist and finalist for his work on rapid prototyping (PrintOne4Me) and the global cooking problem (SunBuckets).



2016 TOP 3 FINALIST
MATTHEW ALONSO

PhD Candidate, Agricultural Engineering, College of Engineering

COZAD cnvc 2016
COMPETITION

Also a Cozad
Finalist