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## [Undergraduate Awarded for Combustion Research at Conference](#)

October 22, 2019

Cesar Carapia, an undergraduate student in the BSME program, received an award at ASME's Internal Combustion Engine Division Undergraduate Student Presentation Competition held at the Internal Combustion Engine Fall (ICEF) Conference held October 20 – 23 in Chicago, IL.



*Dr. Valentin Soloiu (right) and Cesar Carapia with Award Plaque.*

Cesar currently conducts research in the Automotive Combustion Laboratory under the supervision of Dr. Valentin Soloiu, Professor and Allen E. Paulson Distinguished Chair. Cesar's research is focused on the development of multi-fuel engine technologies to reduce emissions from combustion processes. The methods Cesar employed include Reactivity Controlled Compression Ignition (RCCI) of a high-reactivity fuel in the combustion chamber plus port fuel injection of a low reactivity fuel. Cesar's biography and presentation abstract can be found on the [ICEF Conference website](#).

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