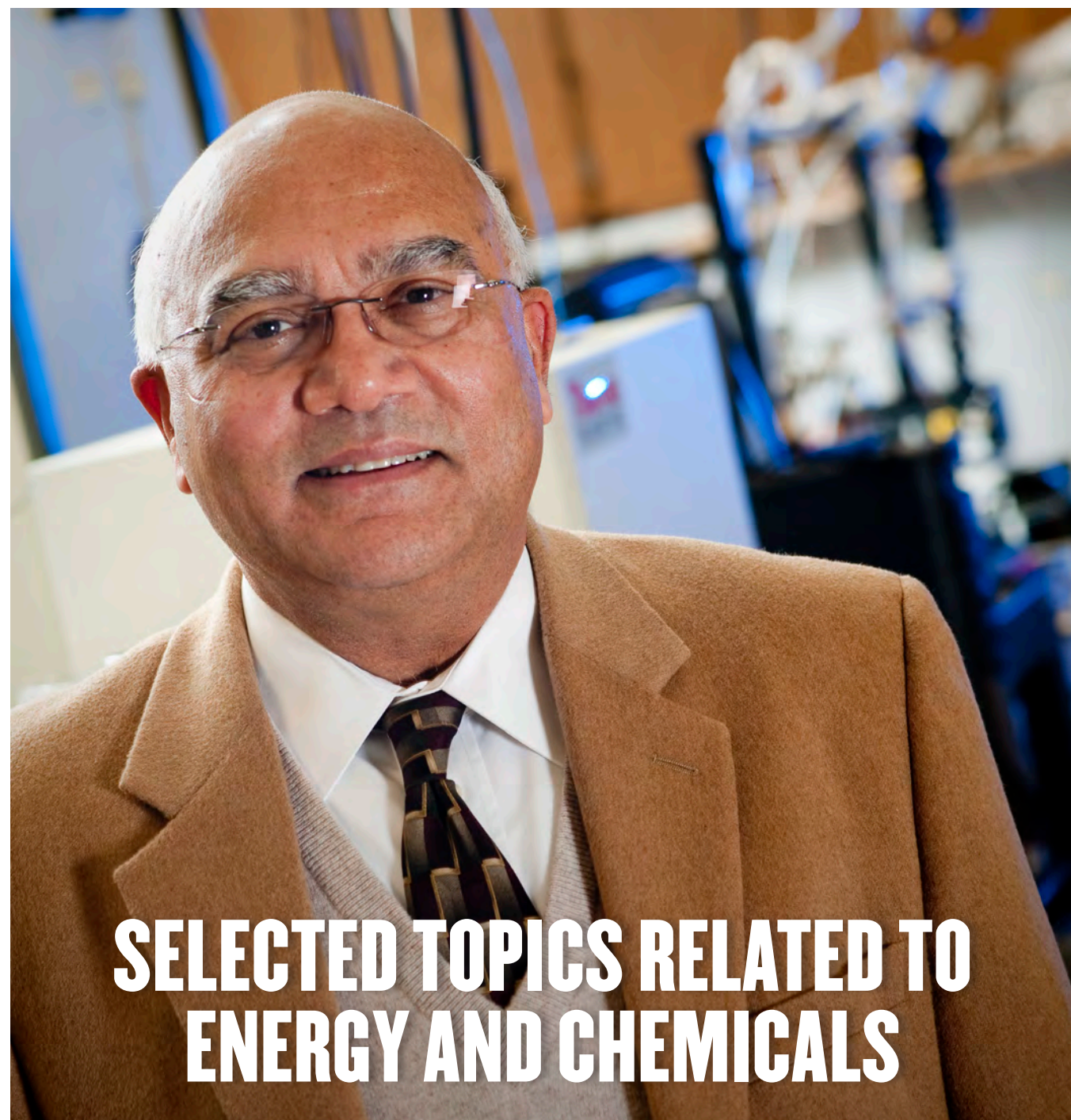


ARDEN L.
BEMENT JR.
DISTINGUISHED
LECTURE



**SELECTED TOPICS RELATED TO
ENERGY AND CHEMICALS**

ARVIND VARMA

R. GAMES SLAYTER DISTINGUISHED
PROFESSOR OF CHEMICAL ENGINEERING

Selected research to produce energy carriers and valuable chemicals from new or renewable sources, currently being conducted or recently completed in my laboratory, will be discussed.

- Hydrogen generation for PEM fuel cell vehicle applications
- Catalytic upgrading of bio-oils
- Utilization of glycerol, a biodiesel waste product, for production of valuable chemicals
- Oxidative coupling of methane

The research relies on development of new catalytic materials and/or processes and demonstrates successful applications of the principles of chemical and catalytic reaction engineering to solve problems of contemporary interest facing society.

Monday, October 31, 2016

LECTURE	RECEPTION
1:30 p.m.	2:30 p.m.
Fowler Hall Stewart Center	Robert L. Ringel Gallery Stewart Center

Lecture is free and open to the public.

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