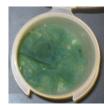
RUI: Catalytic Aerogel Materials (CAMS)

(DMR Proposal #1206631)

Ann Anderson, Mary Carroll and Brad Bruno, Mechanical Engineering & Chemistry, Union College, Schenectady NY

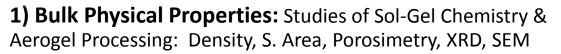
CAMs have the potential to transform automotive pollution mitigation methods by replacing rare precious metals in automotive exhaust after-treatment technologies.

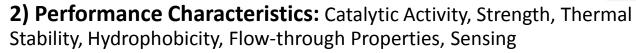


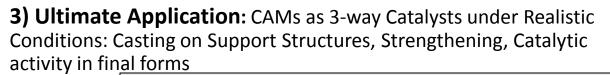












Percent decrease in HC, CO and NO at a space velocity ~18 s<sup>-1</sup> for an un-optimized Ni-Al aerogel.



