

ing Pt catalysts layer.

MĀNOA

Carbides covert poisoning contaminants into harmless species before reach-

In-situ Catalytic Conversion Layers **Mitigating Sulfur Contamination in PEM Fuel Cells**



Jing Qi, Yunfeng Zhai, Keith Bethune

Hawaii Natural Energy Institute, University of Hawaii at Manoa, 1680 East-West Road, POST 109, Honolulu, HI 96822, USA



0.00

0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2

E (V vs. RHE)

0.8 0.9 1.0 1.1 1.2

E (V vs. RHE)

0.5 0.6

0.7

- We gratefully acknowledge the financial support from the Office of Naval Research.
- We appreciate the support from UHM, HNEI and colleagues.