

U.S. DEPARTMENT OF
ENERGY

Office of
**ENERGY EFFICIENCY &
RENEWABLE ENERGY**

AMR Awards Ceremony

Hydrogen Program 2021 Annual Merit Review and Peer Evaluation Meeting

June 7, 2021



Special Recognition Award



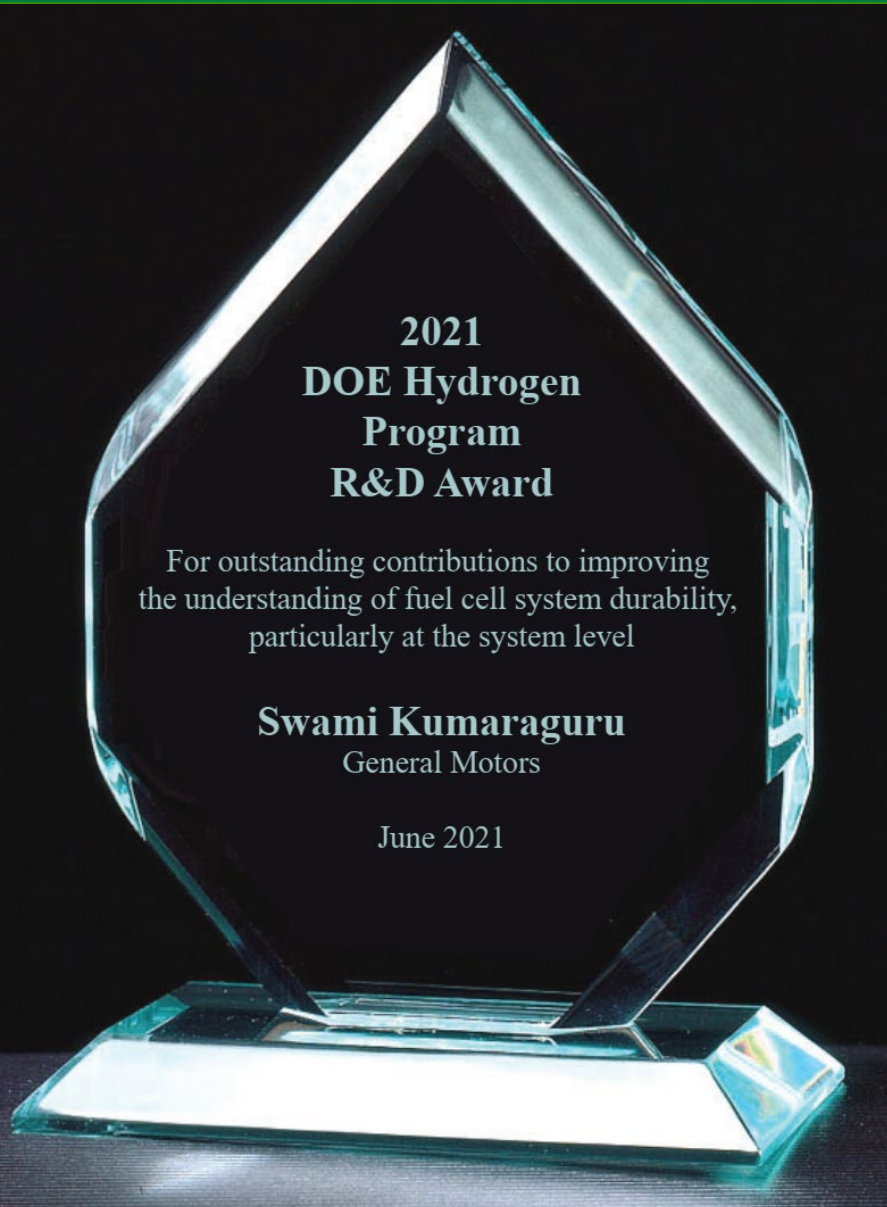
For Giner's many innovations in fuel cell and electrolyzer technologies achieved in support of the U.S. Department of Energy's Hydrogen and Fuel Cell Technologies Office over the past 20 years

Giner, Inc.

*With special thanks for the efforts of
Cortney Mittelsteadt*, Hui Xu, and
Monjid Hamdan**

* now with Plug Power

R&D Award – Fuel Cell R&D



For outstanding contributions to improving the understanding of fuel cell system durability, particularly at the system level

Swami Kumaraguru

General Motors

R&D Award – Fuel Cell R&D

For exceptional, pioneering analyses of the durability-adjusted cost of fuel cell systems for vehicles and long-haul trucks



Cassidy Houchins

Strategic Analysis, Inc.

Jennie Huya-Kouadio

Strategic Analysis, Inc.

Brian James

Strategic Analysis, Inc.

Rajesh Ahluwalia

Argonne National Laboratory

Xiaohua Wang

Argonne National Laboratory

R&D Award – Hydrogen Technologies: Production

For exceptional teamwork and leadership on the development of benchmarks and test protocols for advanced water splitting technologies



Katherine Ayers

Nel Hydrogen

Karl Gross

H2 Technology Consulting, LLC

Olga Marina

Pacific Northwest
National Laboratory

George Roberts

TechScale Solutions, LLC

Ellen Stechel

Arizona State University

Chengxiang Xiang

Joint Center for Artificial Photosynthesis
at California Institute of Technology

R&D Award – Technology Acceleration

For first-of-its-kind testing that established the ability of electrolyzers to dynamically respond to grid signals in regions with high penetrations of renewable energy, in support of DOE's H2@Scale initiative



Rob Hovsopian

National Renewable
Energy Laboratory

Cory Kreutzer

National Renewable
Energy Laboratory

Kazunori Nagasawa

National Renewable
Energy Laboratory

Michael Peters

National Renewable
Energy Laboratory

Sam Sprik

National Renewable
Energy Laboratory

R&D Award – Systems Analysis

For exceptional and rigorous analysis of the cost of long duration energy storage technologies in high-renewables grids



Joshua Eichman

National Renewable
Energy Laboratory

Chad Hunter

National Renewable
Energy Laboratory

Michael Penev

National Renewable
Energy Laboratory

Evan Reznicek

National Renewable
Energy Laboratory

R&D Award – Safety, Codes and Standards



For exceptional contributions in hydrogen codes and standards and risk assessment to enable the safe deployment of hydrogen at scale

Brian Ehrhart

Sandia National Laboratories

NEW in 2020!

Hydrogen and Fuel Cell Technologies Office (HFTO) Postdoctoral Recognition Awards



- Recognizes postdoctoral fellows from DOE National Laboratories for outstanding achievements in the research, development and demonstration of hydrogen and fuel cell technologies
- Aligns with HFTO's commitment to advance and strengthen the hydrogen and fuel cells workforce in the United States

HFTO Postdoctoral Recognition Awards – 2020 Winners



First Place – For Outstanding Contribution in the Research, Development and Demonstration of Hydrogen and Fuel Cell Technologies

- ***Eun Joo (Sarah) Park***, Los Alamos National Laboratory



Runners Up – For Exceptional Research Innovation in Hydrogen and Fuel Cell Technologies

- ***Luigi Osmieri***, National Renewable Energy Laboratory
- ***Guosong Zeng***, Lawrence Berkeley National Laboratory

HFTO Postdoctoral Recognition Awards – 2021 Winners



First Place Winners – For Outstanding Contribution in the Research, Development and Demonstration of Hydrogen and Fuel Cell Technologies

- ***Yingying Chen***, National Renewable Energy Laboratory
- ***Matthew Witman***, Sandia National Laboratories




Runners Up – For Exceptional Research Innovation in Hydrogen and Fuel Cell Technologies

- ***Shank Kulkarni***, Pacific Northwest National Laboratory
- ***Xiaojing Wang***, Los Alamos National Laboratory

For more information:

Please check our website later this week for more information on the outstanding achievements and contributions of our awardees!

www.hydrogen.energy.gov/annual_review.html



Visit the POSTER Section of the AMR Event Hub to see the winning postdoctoral presentations!