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U.S. DEPARTMENT OF  
**ENERGY**

Hydrogen Program  
2023 Annual Merit Review and  
Peer Evaluation Meeting

**AMR Program Awards**



June 5, 2023

# Hydrogen Program Special Recognition Award



## Hydrogen Safety Panel

For 20 years of outstanding contributions to the safe deployment of hydrogen and fuel cell technologies and R&D activities

***Pacific Northwest National Laboratory***

# R&D Award – Hydrogen Production Technologies



In recognition of outstanding contributions to developing high-performing, efficient, and durable intermediate-temperature proton conducting solid oxide electrolysis cells

***Xingbo Liu, PhD***

**West Virginia University**

# R&D Award – Fuel Cell Technologies



For outstanding leadership in developing the Million Mile Fuel Cell Truck (M2FCT) national lab consortium's accelerated stress test protocols to predict durability of next-generation fuel cells for heavy-duty vehicles

***Rangachary Mukundan, PhD***

**Lawrence Berkeley National Laboratory**

# R&D Award – Fuel Cell Technologies



For exceptional co-leadership of the Million Mile Fuel Cell Truck (M2FCT) national lab consortium and outstanding contributions to state-of-the-art fuel cell modeling and characterization

***Adam Weber, PhD***

**Lawrence Berkeley National Laboratory**

# R&D Award – Fuel Cell Technologies



In recognition of exceptional leadership in the advancement of diversity, equity, and inclusion through mentorship of students at minority-serving institutions to enable hydrogen and fuel cell workforce development

***Tommy Rockward***

**Los Alamos National Laboratory**

# R&D Award – Systems Development & Integration



In recognition of outstanding achievements in the development and demonstration of a first-of-a-kind clean hydrogen production facility, powered by carbon-free nuclear energy, at the Nine Mile Point Nuclear Station in Oswego, New York

***Uuganbayar  
Otgonbaatar, PhD***  
Constellation Energy Generation

***Robert  
Beaumont***  
Constellation Energy Generation

# R&D Award – Systems Development & Integration



In recognition of outstanding achievements in the development and demonstration of a fleet of hydrogen fuel cell box trucks for operation in disadvantaged communities

***Jason Hanlin***

**Center for Transportation and the Environment**

# R&D Award – Analysis, Codes & Standards



For outstanding leadership in the development of CSA and ISO standards, as well as active participation in the greater RCS community

***Sara Marxen***

**CSA Group**

# R&D Award – Analysis, Codes & Standards



In recognition of outstanding achievements in the development and improvement of the Greenhouse gases, Regulated Emissions, and Energy use in Technologies (GREET) model

**Argonne National Laboratory**

*Michael Wang, PhD*  
*Amgad Elgowainy, PhD*  
*Hao Cai*

*Krishna Reddi, PhD*  
*Tom Sykora*  
*Pradeep Vyawahare, PhD*

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

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

# HFTO Postdoctoral Recognition Awards



**First Place Winner** – For outstanding contributions to the research, development, and demonstration of hydrogen and fuel cell technologies

- ***Audrey Taylor***, National Renewable Energy Laboratory



**Runners Up** – For exceptional research innovation in hydrogen and fuel cell technologies

- ***Jason Lee***, Lawrence Berkeley National Laboratory
- ***Wipula Liyanage***, Los Alamos National Laboratory

# HFTO Award of Excellence

*Inaugural “Colleagues’ Pick” Award!*

# Congratulations to Dr. Sunita Satyapal

Recognizing Dr. Satyapal for her tireless dedication to hydrogen and fuel cell technologies



## For more information:

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*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](http://www.hydrogen.energy.gov/annual_review.html)